PROSPECTING & GEOCHEMICAL REPORT

ON

SCOTT PROJECT

SCOTT CLAIMS 3-34
ATLAS CLAIMS 1-6

NTS MAP SHEET 105 K/16

LATITUDE 62° 55' N LONGITUDE 132° 20' W

MAYO MINING DISTRICT

Prepared by Claim Owner:

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Box 11250
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Y1A 6N4

For Work Performed Between:

June 16 – 23, 2005

January 26, 2006

SUMMARY

The Scott Claims and Atlas Claims cover an area of Hyland, Road River and Earn Group stratigraphy that is known to host several Zn/Pb showings. These discoveries were made over the last few years based on work carried out in conjunction with the nearby Andrew Zinc Deposit.

Work in 2005 consisted of approximately 13 line kilometres of soil sampling over areas with anomalous geophysical targets, mineral showings and interesting structure. Two areas of moderate Zn/Pb anomalies were found.

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INTRODUCTION

This report is prepared to satisfy the requirements for assessment work as set out under the *Yukon Quartz Mining Act*, to consolidate information collected during the 2005 field season, and to satisfy Yukon Mineral Incentives Program (YMIP) requirements.

HISTORY

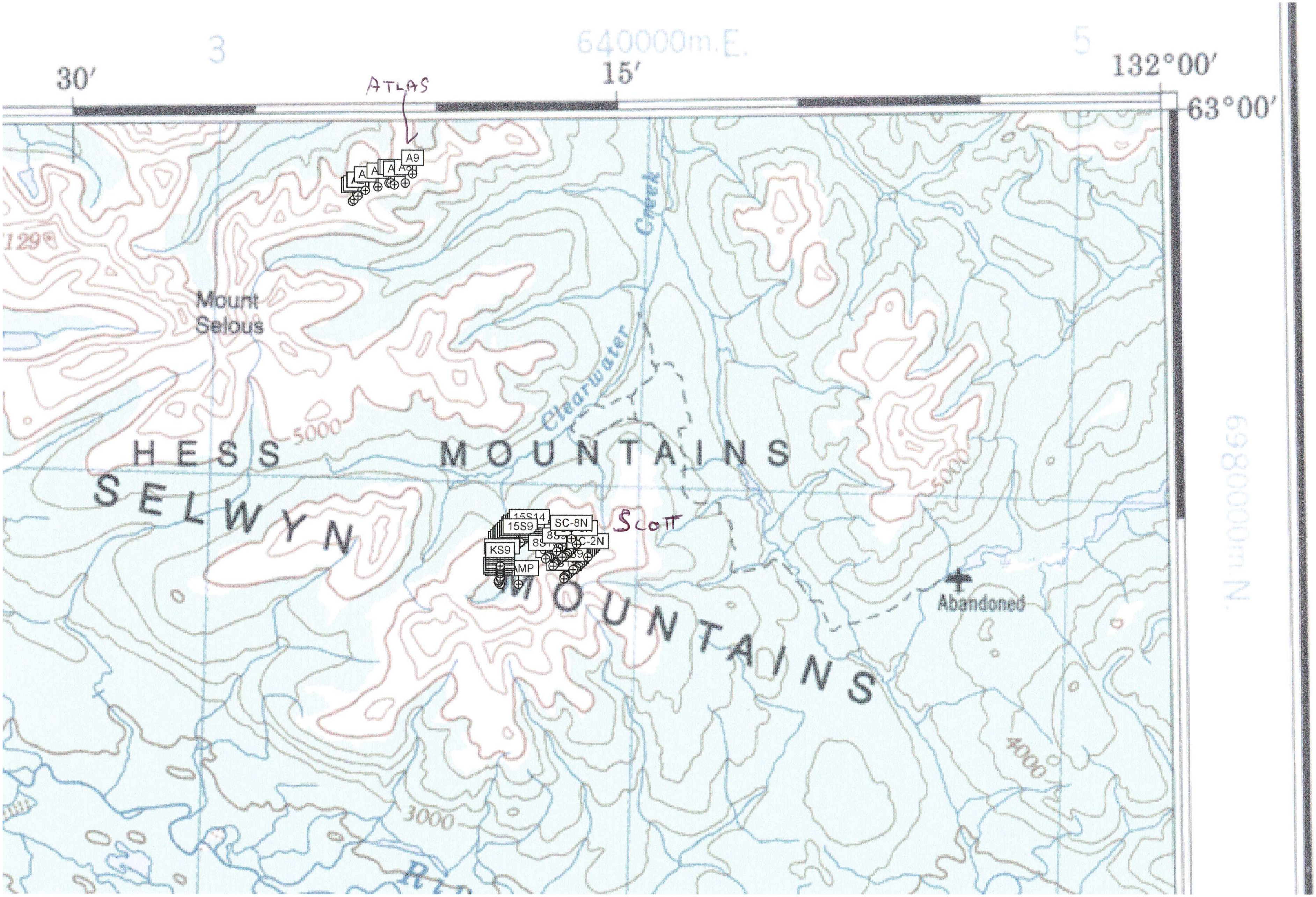
In 1969 Atlas Exploration conducted a small regional program around their Lad project, five kilometres to the northeast. Silt samples from their work in the drainage now covered by the Scott Claims were anomalous in Pb, Zn and Cu.

The author visited the area several times between 1996 and 2005. Prospecting and sampling turned up two Zn showings and several anomalies. The Scott and Atlas claims were staked in 2000, in conjunction with Noranda optioning the authors nearby Andrew property, 4 km to the west. Noranda worked on the nearby claims over the next two field seasons. As part of that program they flew an air born mag/EM survey over the Scott group.

In 2005 a systematic soils program was conducted over portions of the blocks with underlying geophysical anomalies outlined earlier by Noranda.

ACCESS AND PHYSIOGRAPHY

The Scott Claims are located approximately 100 km north of Faro. A winter road passes five kilometres to the east. This winter trail begins at Dragon Lake on the North Canol Road, 60 kilometers distance. An airstrip is located at the old Noranda camp 5 kilometers northeast. In 2005 helicopter from Whitehorse was used to access the property. Due to the level of activity the normal helicopter based in Faro or Ross River was unavailable for the project.



SCOTT PROJECT

Scott & Atlas Claims

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105 K/16

The property is dominated by a round basin surrounded by two cirques to the south and east and rounded hills north and west. The area straddles the alpine/ forest interface, with a good deal of the basin in a sub alpine environment. Except for steep cliffs mostly along the south accessibility is good.

PROPERTY

The project consists of 38 claims as follows:

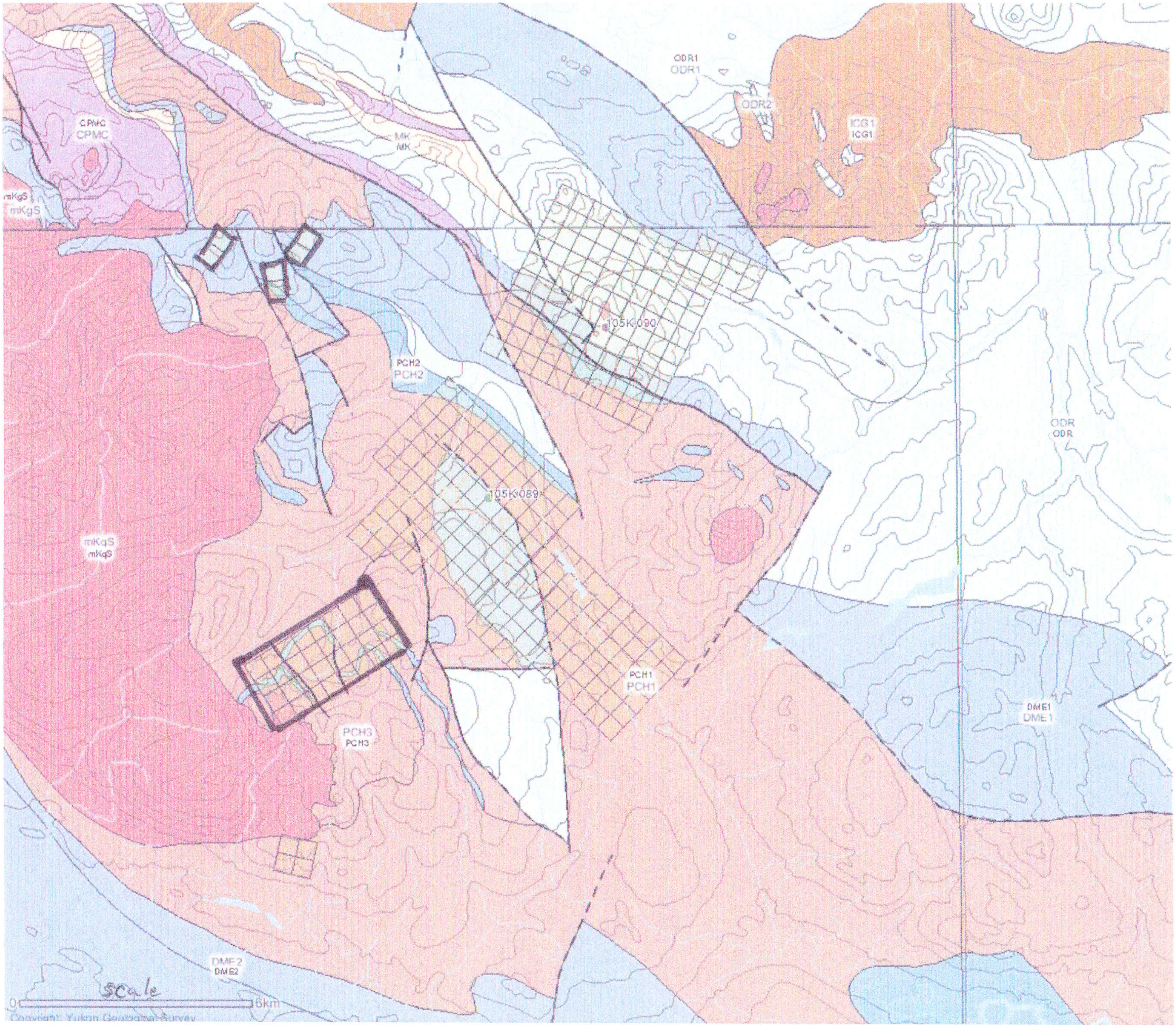
Claim Name/No.	Grant No.	Owner	Stake Date	Expiry Date
SCOTT 3-34	YC02457- 88	R. Berdahl	Sept. 20, 2000	Sept. 20 2010
ATLAS 1-6	YC10589-94	R. Berdahl	July 31, 2002	July 31, 2008

REGIONAL GEOLOGY

The Scott property lies in the tectonic Selwyn Basin. The Basin is a Precambrian to Mississippian continental margin depositional basin. The rocks of the Basin are a thick assemblage of sedimentary rocks that belong to the ancestral North American Terrane of the northern Cordillera. The Palaeozoic rocks were originally platform (mainly carbonates) and basinal (shales) units of Ancient North America. These sediments accumulated to great depths on Archean basement rocks. The deep basin accumulated mudstones etc. while shallower areas accumulated carbonates. The Selwyn Basin shales are well hosts for SEDEX style of base metal mineralization. The Basin is truncated on its southeast flank by the Tintina Fault. This fault is thought to have over 400 kilometers of strike offset, and separates ancient North American rock from mobilized North American rock and accreted terranes.

Following the accretion of terranes in the cordillera, Cretaceous granitic plutons intuded the sedimentary package. The various rock units of the Selwyn Basin are divided by faults and

Scott + ATLAS CLAIMS 105K-16 and Geology



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unconformities into mapable units. In the area of the Scott/Andrew claims the Robert Service Thrust fault apparently ends in a series splayed faults. This complex of faults through a thick sequence of mineral rich sediments, combined with the large intrusive to the west has set the stage for the potential of a large mineralized system.

Age	Formation	Lithologies
Caboniferous/Permian CPKC	Mount Christie	Green cherty shale, shale and chert, black siltstone; minor quartzite, limestone , dolostone
Mississippian MK	Keno Hill	Quartzite, black shale, phyllite
Upper Devonian and Miss DME	Earn	Black shale and chert, c.pebble conglomerate, barite
Ordovician to L Devonian ODR	Road River	Black shale and chert, siltstone/limestone
Lower Cambrian lEG1	Gull Lake	Shale, siltstone, mudstone, volc.
U. Proterozoic-LCamb. PEH1	Hyland	Brown to green shale, sandstone, grit, chert pebbleconglomerate, pyllite
U. Proterozoic-LCamb. PEH2	Hyland	Grey limestone
U. Proterozoic-LCamb. PEH3	Hyland	Maroon and green slate

Fig 4

PROPERTY GEOLOGY

The geology of the claim area is a mix of sedimentary units, of the Hyland, Earn and Road River Group rocks, and meta sediments (schists). As the lithologies of these packages are similar it is difficult to distinguish one assemblage from the next. Immediately to the west, and underlying the southern portion of the claim block is an intrusive body, mapped as Cretaceous in age. The Mt. Selous Pluton is one of the largest exposed intrusives mapped in the Selwyn Basin. There is iron alteration, and hornsfel along the margins of the intrusive. South of the claim block a kilometres sized area along the same margin is composed of rusty conglomerate. These conglomerates have elevated Zn (500ppm) and high Fe values (20%).

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CLAIMS
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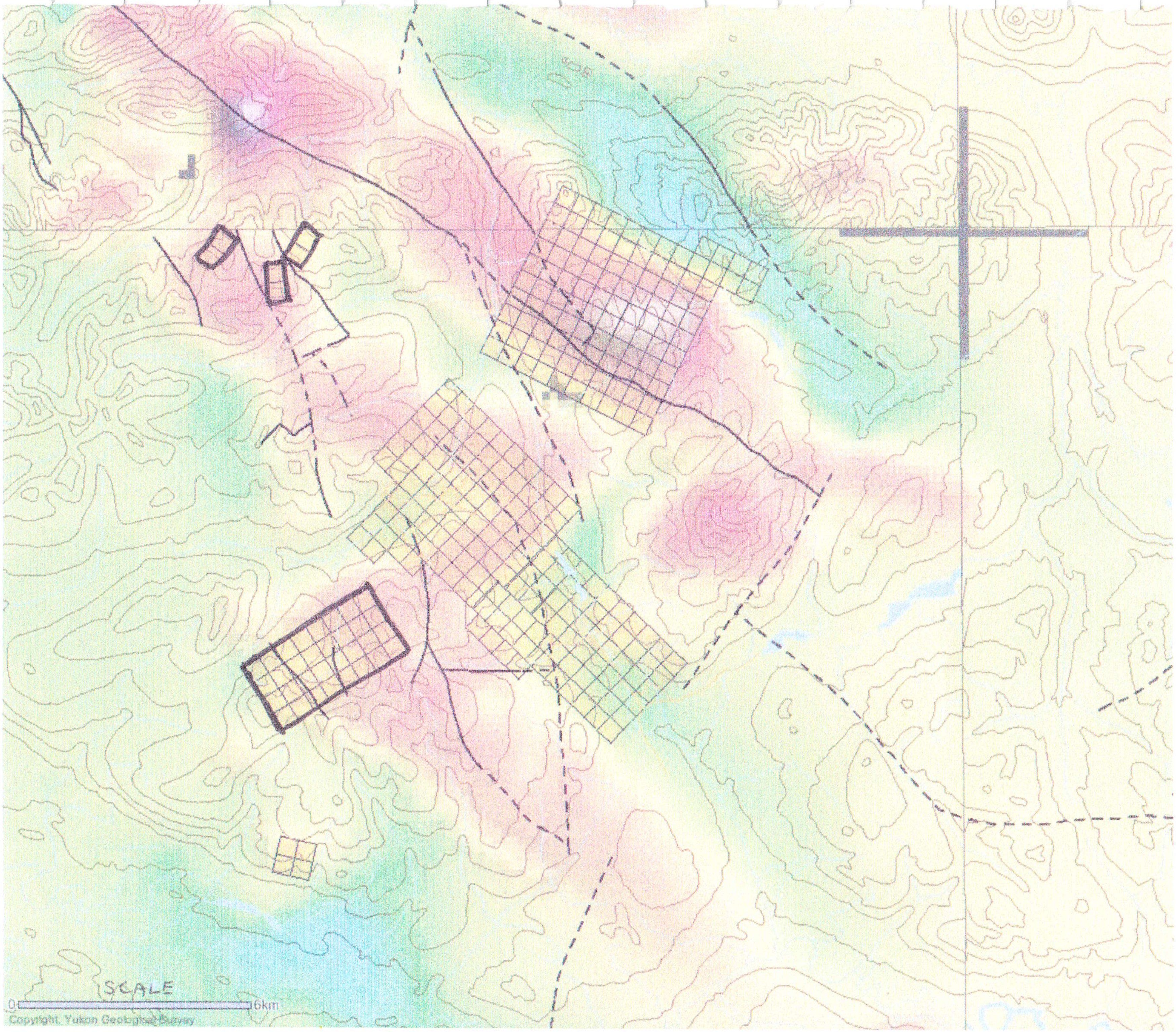
MAG
105K-16



Some limestone bodies are present. These are mapped as Hyland unit rocks. Schists, again probably Hyland group, predominate in the north portion of the claim block. The 9.29% Zn showing and the Bordeleau showing are hosted in shale units and graphitic shale units respectively. Shale is also present in the very west of the claim block near a small drainage with a red precipitate that abruptly turns red in mid stream. Other small creeks, in this well watered drainage have distinctive characteristics. The most westerly fork has a strong white precipitate, especially in its upper reaches. The middle fork is literally crystal clear. These water related characteristics may be due to pH variations in the drainage. Beautiful, inches scale, banded and folded rock of black, grey white, and orange are found in the west portion of the claim block.

Six kilometres north of the Scott Claims are six 'Atlas' Claims, in three blocks covering Gossanous, brecciated Earn group rocks on a northwest striking structure that may be associated with the Andrew deposit. One arsenopyrite vein was discovered here, fericete is not uncommon.

WORK PROGRAM

Seventeen lines, varying in length from 500-800m in length, of 'deep' soil samples were taken using 50m stations. Line spacing was 100m, and lines were selected based on previously defined geophysical anomalies or showings. In addition recce prospecting was conducted over the entire Scott Claim block. 256 soils and 7 rock samples were collected and sent to Acme Analytical in Vancouver for 37 element ICP/ES analysis.

Each of the four crew had access to a pick, shovel and soil auger. A camp was established about 2 kilometers from the maximum distance to any point on the soil lines. The object of sampling was the 'B' horizon, which in many cases didn't exist or was frozen. Most samples were taken at over 15 cm of depth but under a meter, the vast majority closer to the former. One recce soil line was run in a area of alteration affiliated with the large intrusion on the south of the claim block.

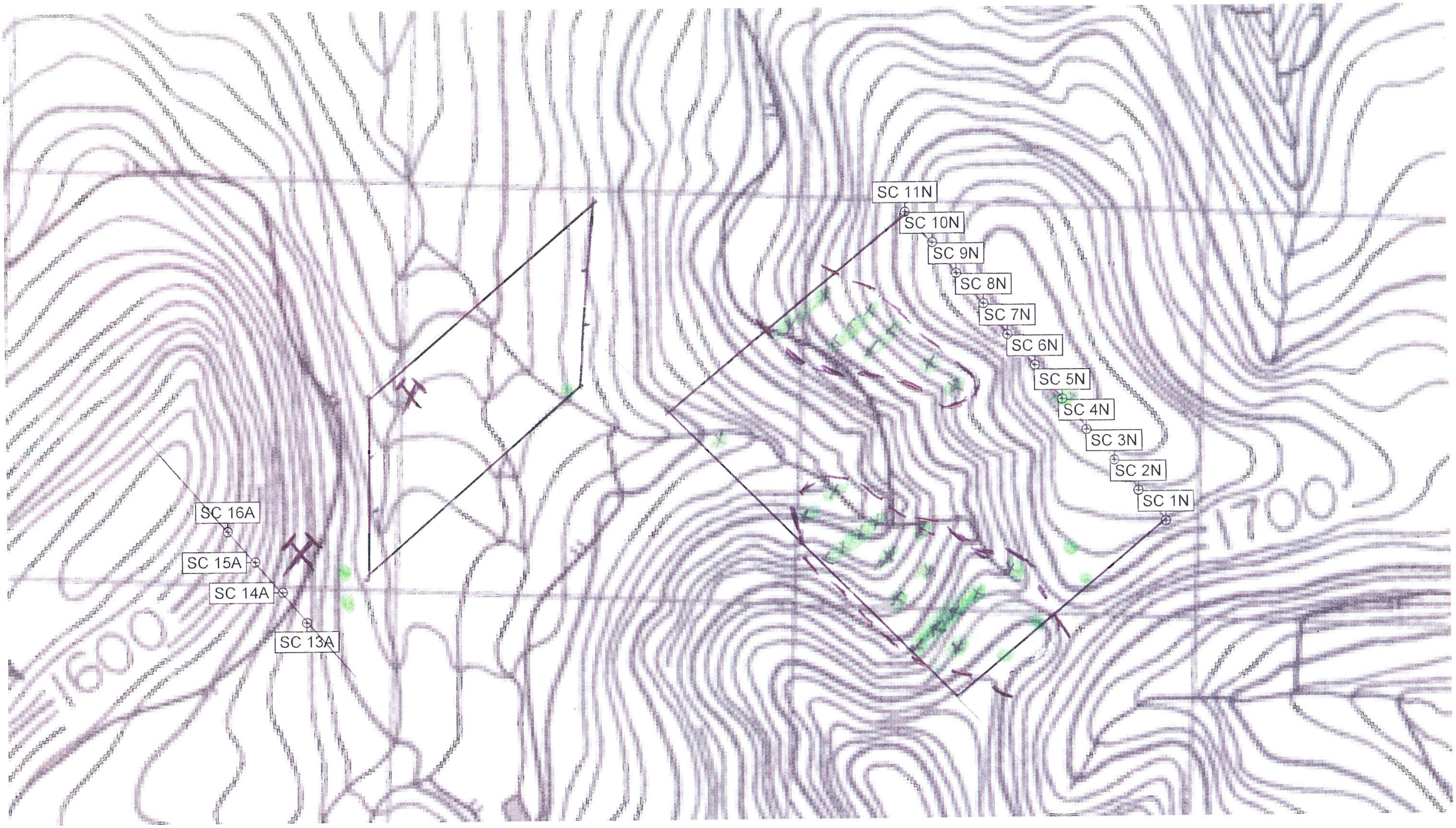
RESULTS

Two moderate to weak zones of Zn, +/- Pb,Cd, mineralization were recognized. In attempting to set an anomalous threshold for soils in the area several things were considered. These included the mix of Hyland group rocks and Earn, or Road River assemblages, and the differences between anomalous values for the three, on the Claims; Prior experience in the area, and the values found near or below known occurrences. In the end a 300 ppm threshold value was set as the samples immediately below (within 100m) the 9.29% zinc showing returned values of 309ppm, 274ppm, and 347ppm. This is well below the values at the Andrew Showing, 4 km to the east, where values of >>1,000 are present. None the less the value represents a number that directly correlates to a Zn showing in this particular basin. All toll there were about 33 anomalous values. Most of these were clustered in two parallel, northwest striking zones approximately 500m long and 50m to 150m wide.

Values on lines 13 – 16 were without anomalous values (save a 327ppm @13S13); This despite some coincident mag and EM anomalies and the Bordeleau Zn showing very near 16S1. In part this can be explained by very poor sampling medium, swampy ground and of frozen soil. The one anomaly was taken along a thawed stream bed. Alternatively there just isn't an ore body under the four lines!

The seven rock samples collected were all sub-anomalous in the sought after metal values. Samples 5RK16:1-4, 6 (all quartz) were collected in hopes of a gold number. #7 was thought to have trace saphalerite, but appears not to, and sample #5, collected at a ridge top (line 5S0) ran 500ppm Zn similar to the soil it was collected near.

Results on the Atlas Claim Block revelled a possible correlation (10 samples total) between Pb and As. Sample A6 was anomalous in Au (77ppm), Pb, As, Cu, Co, Ni, Sb, Bi, Fe, Mn, and Ag. This reflects the overall RGS silt geochem anomaly seen for the whole of the northeast corner of the 105K16 map sheet.



▭ - Limit of sampling - grid

⚒ - showings - Zn

( ) - Zn anomaly

● Zn > 300

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105 K-16

Scott ClAIMS 3-34

CONCLUSIONS AND RECOMMENDATIONS

Soil sampling under the 9,29% Zn showing demonstrates that weakly anomalous soils can lead to significant Zn in outcrop. The lack of a soil response near the Bordeleau showing might indicate a small showing or a non responsive soil due to poor conditions. None the less the values of most of the anomalies do not inspire one to immediately bring in the drill rig. More work is needed in evaluating the rock types associated with each anomaly. It could be that the anomalous areas are simply mapping the black shales of the Earn, or Road River Group rocks. Alternatively they may help explain the widespread very highly anomalous silt values collected over most the basin by Atlas and later, the author.

Recommendations:

Stake ground to join the Scott and Andrew Claims, as well as the smaller Scott Claim block to the south.

Stake a larger block of claims over the Atlas Claim area.

Conduct a grid sol survey over the Atlas area.

Prospect, and possibly do an EM/Mag survey over the mildly anomalous areas on the property to try and find mineralization.

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APPENDIX A

SAMPLE DESCRIPTIONS

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SAMPLE DESCRIPTIONS

5RK16-1 Rusty grey meta-sed (phyllite) w/ minor limonite.

5RK16-2 Sedimentary rock w/ vuggy greyish quartz veins and minor limonite, arsenopyrite in trace veinlets (@11S4)

5RK16-3 1" white quartz vein w/ yellow stain and trace grey sulphide in black meta-sed. (@5S3)

5RK16-4 opaque 'vein' quarts in rusty creek, hint of grey in quartz, light rust on fractures, minor "peacock" Fe stain (@5S4.5)

5RK16-5 slightly limonitic, grungy grey "fault breccia" w/trace calcite or quartz stringers. (@5S0)

5RK16-6 Vuggy white to opaque quartz float with minor sulfides and 'juicy' limonitic coating. Sulfide is cubic to possibly fine grained pyrite.

5RK16-7 "felsic" meta-sediment with manganese staining, trace limonite, quartzite 'veinletes' abd saphalerite on fractures, float west side of ridge (Zn on sample loc. map).

APPENDIX B

GEOCHEMICAL SHEETS

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
G-1	.3	2.5	3.3	50	<.1	4.2	4.6	606	2.16	.5	2.6	<.5	4.8	91	<.1	<.1	.1	44	.67	.080	12	10.0	.63	258	.149	1	1.27	.148	.57	.1	<.01	2.8	.3	<.05	6	<.5	15.0
18E6	3.4	79.5	45.5	165	.4	24.1	16.4	1073	3.99	38.7	5.8	5.9	4.8	21	.8	1.8	.7	40	.31	.115	43	24.6	.70	144	.013	1	1.83	.009	.08	.4	.04	2.8	.2	.07	5	1.0	15.0
18E7	7.6	84.4	48.4	241	.6	52.0	18.6	922	4.14	52.4	5.1	7.4	8.3	20	1.5	2.3	.5	30	.34	.105	36	21.0	.51	150	.009	2	1.25	.006	.07	.2	.07	2.7	.2	.09	4	2.4	7.5
18E8	5.2	71.8	43.0	139	.4	24.6	12.5	526	3.82	43.0	3.6	9.0	6.4	16	.4	1.8	.6	37	.17	.086	38	18.3	.56	140	.008	1	1.44	.005	.04	.3	.05	2.8	.2	<.05	4	1.8	15.0
18E9	7.6	124.1	46.9	415	.8	74.3	26.9	732	4.31	49.9	5.3	10.2	7.0	21	2.3	2.9	.6	31	.42	.121	39	19.2	.50	195	.008	1	1.51	.006	.07	.2	.10	2.7	.2	.07	3	3.5	15.0
18E10	5.5	83.2	81.1	88	1.1	19.0	5.0	143	5.15	58.6	1.9	7.1	2.3	18	.4	3.1	.5	26	.07	.122	32	25.5	.22	102	.007	1	.96	.007	.06	.2	.10	1.0	.2	<.05	4	4.1	15.0
18E11	2.1	54.6	15.7	30	2.4	9.7	2.3	75	1.85	8.6	1.4	4.3	.1	6	.3	.4	.2	18	.04	.136	13	11.4	.10	44	.006	<1	1.54	.019	.03	.1	.08	.2	.1	<.05	4	1.6	15.0
1S0	1.7	30.1	30.4	100	.1	20.4	9.6	361	3.00	29.0	1.3	3.0	4.2	15	.3	1.7	.4	36	.06	.054	32	21.9	.41	92	.019	1	1.31	.004	.06	.1	.02	1.4	.1	<.05	5	.7	15.0
1S1	2.0	52.9	167.0	147	.3	21.7	12.4	574	4.30	109.7	2.7	3.6	.8	20	.4	2.5	.6	38	.05	.134	21	24.1	.34	117	.009	1	1.41	.006	.08	.2	.04	.6	.1	.10	6	1.0	15.0
1S2	3.2	46.4	89.4	207	.3	38.5	15.5	1026	3.65	42.9	2.6	1.7	6.7	18	.8	4.7	.3	31	.18	.159	33	25.8	.99	261	.005	1	1.77	.003	.06	.1	.06	3.7	.1	.06	5	1.0	15.0
1S3	2.0	80.6	33.9	142	1.0	68.2	25.8	1401	5.15	53.0	2.2	4.5	4.1	42	1.2	2.5	.3	31	.47	.183	45	29.3	.89	297	.009	2	2.16	.004	.05	.1	.05	6.2	.1	<.05	4	1.1	15.0
1S5	9.3	101.6	74.2	180	.5	35.9	11.9	299	5.42	967.6	5.7	18.0	4.8	65	1.0	4.6	.7	45	.08	.147	23	26.6	.53	228	.010	1	1.57	.011	.12	.1	.04	1.7	.2	.16	5	2.8	15.0
1S6	2.4	95.0	83.4	118	.8	18.7	11.8	531	5.55	479.1	3.7	11.4	8.7	56	1.0	2.6	.8	30	.11	.104	32	23.6	.75	157	.003	1	1.67	.006	.08	.1	.03	2.6	.1	.10	6	1.5	15.0
1S7	4.4	176.4	258.5	421	1.1	76.9	29.4	2494	5.36	79.0	3.2	11.2	4.1	57	2.6	8.2	.5	45	.65	.155	34	27.0	2.02	269	.009	2	2.38	.004	.13	<.1	.09	4.7	.3	.12	6	1.8	15.0
RE 1S7	4.4	174.1	267.3	421	1.1	73.4	28.9	2438	5.21	79.4	3.3	8.3	4.6	59	2.7	8.2	.5	44	.67	.152	34	26.7	2.04	267	.009	3	2.32	.004	.13	<.1	.11	4.8	.3	.13	7	2.1	15.0
1S8	.6	17.5	21.6	82	<.1	19.3	11.6	613	2.37	8.8	.6	1.3	2.0	221	.4	1.5	.2	12	9.11	.113	23	17.6	1.21	108	.005	3	1.23	.003	.06	.1	.04	2.5	.1	.09	3	.7	15.0
1S9	3.7	31.0	327.4	707	.3	63.4	18.1	503	6.15	230.4	2.2	14.9	10.2	70	1.4	361.7	.2	14	3.36	.062	35	17.6	1.43	416	.001	<1	2.45	.002	.04	2.0	.03	4.2	.1	<.05	6	.5	15.0
1S10	3.6	106.2	45.6	196	.4	62.2	14.7	198	7.92	12.5	.9	3.0	8.8	20	.4	30.3	.6	33	.16	.155	32	31.5	.61	126	.011	1	1.88	.002	.06	.2	.05	1.8	1.3	<.05	5	3.7	15.0
1S11	6.5	97.1	17.2	219	.4	86.2	26.7	827	5.44	73.1	1.6	9.9	2.8	23	.8	11.7	.2	41	.10	.120	23	26.7	.41	1299	.010	1	1.93	.006	.09	.1	.05	2.7	.2	.15	4	3.3	15.0
1S12	34.3	150.3	54.0	339	1.1	126.8	23.3	461	6.07	36.7	9.1	2.7	9.4	48	.9	9.3	.4	32	.07	.097	45	20.5	.60	287	.007	2	1.42	.004	.14	.1	.07	3.1	.5	.15	4	6.7	15.0
1S13	11.3	116.4	53.0	206	1.2	76.8	23.5	526	5.43	40.9	4.7	2.3	11.7	58	1.0	7.4	.9	26	.05	.113	46	20.6	.42	280	.003	1	1.19	.004	.12	.1	.06	2.3	.3	.20	4	4.8	15.0
1S14	9.4	47.5	37.6	292	.3	74.2	18.0	707	3.57	40.8	2.8	1.2	3.2	18	1.0	7.3	.3	47	.26	.148	31	24.5	.62	222	.004	2	1.21	.002	.10	.1	.10	2.9	.2	.11	4	3.0	15.0
1S15	7.0	52.3	44.8	204	.6	48.3	12.8	338	3.16	33.0	1.7	3.1	3.9	33	1.4	5.3	.2	44	.84	.069	17	23.7	1.75	89	.008	2	1.38	.002	.11	<.1	.06	3.2	.2	.15	4	3.4	15.0
2S0	1.4	28.0	25.2	90	<.1	24.9	11.7	407	2.74	21.9	1.1	2.2	6.8	14	.3	1.2	.3	34	.13	.062	25	24.1	.46	97	.029	1	1.25	.005	.06	.2	.02	1.9	.1	<.05	4	.6	15.0
2S1	1.5	27.4	30.9	88	<.1	22.8	10.9	423	2.90	25.4	1.1	1.3	4.8	13	.3	1.3	.3	34	.12	.059	26	23.5	.44	84	.028	1	1.16	.004	.05	.1	.02	1.7	.1	<.05	5	.7	15.0
2S2	2.3	41.0	30.5	129	.3	32.8	13.5	528	2.77	28.5	2.3	1.9	3.2	16	.7	2.1	.3	34	.15	.107	29	23.7	.53	147	.018	2	1.35	.005	.06	.1	.03	2.1	.1	<.05	4	.8	15.0
2S3	3.3	45.2	36.8	94	<.1	22.5	9.4	447	4.38	61.6	1.3	2.8	1.4	15	.2	2.1	.4	55	.06	.096	23	29.3	.40	141	.021	1	1.33	.005	.07	.2	.04	1.3	.2	.07	7	1.2	15.0
2S4	2.6	69.9	28.1	99	<.1	42.6	22.9	1446	4.69	58.1	1.8	5.5	2.4	13	.5	2.2	.3	39	.08	.120	23	32.3	.57	163	.012	1	1.57	.004	.05	.1	.06	2.5	.1	.07	4	1.3	15.0
2S5	5.4	161.8	38.5	177	.8	53.3	17.3	387	4.87	33.9	5.2	20.9	12.1	54	1.0	2.4	.5	32	.27	.090	52	28.1	1.52	217	.006	1	1.83	.007	.12	<.1	.04	3.2	.1	.14	6	2.3	15.0
2S6	12.5	243.9	39.2	262	2.1	61.2	15.8	672	5.87	63.6	8.0	9.6	3.6	151	1.4	5.4	.5	63	.32	.304	21	32.5	.49	440	.005	2	1.36	.012	.18	.1	.11	2.4	.3	.36	4	6.0	15.0
2S7	4.6	67.8	41.3	101	.3	18.7	8.9	418	3.42	213.6	2.9	6.1	.8	41	.2	2.1	.5	33	.08	.171	14	15.7	.27	154	.006	1	1.09	.013	.07	.1	.05	.7	.1	.17	4	1.8	15.0
2S8	11.2	136.2	80.6	577	.8	100.1	21.2	598	4.13	51.2	1.4	22.9	3.9	59	5.5	23.9	.2	46	1.80	.173	28	22.9	1.28	196	.004	4	1.58	.003	.09	.1	.07	3.6	.2	.14	5	3.0	15.0
2S9	11.8	42.6	24.5	182	1.4	41.1	9.2	248	4.33	37.2	1.7	3.6	4.2	182	1.1	15.8	.1	43	.75	.242	41	17.7	.58	290	.001	1	1.04	.007	.04	<.1	.04	2.1	.2	.18	3	3.9	15.0
2S10	7.7	55.1	22.0	220	1.0	101.8	15.6	464	3.32	17.7	1.6	1.1	3.0	59	1.3	7.8	.2	63	1.41	.123	28	23.5	1.06	250	.006	1	1.03	.002	.14	<.1	.07	2.8	.3	.09	3	2.0	15.0
2S11	2.1	54.1	9.3	92	.4	35.3	9.5	240	2.31	12.1	1.2	1.9	1.0	38	.4	2.9	.1	17	.34	.083	20	10.7	.21	293	.014	1	.94	.030	.06	<.1	.04	1.0	.1	.14	3	2.1	15.0
STANDARD DS6	11.8	126.2	29.8	145	.3	25.5	10.9	708	2.84	21.1	6.8	47.7	3.2	40	6.1	3.6	5.0	57	.83	.079	15	185.5	.58	167	.084	18	1.91	.073	.16	3.6	.22	3.3	1.8	<.05	7	4.5	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
G-1	.3	1.9	3.0	43	<.1	3.8	4.2	535	2.05	.5	2.5	<.5	4.4	91	<.1	<.1	.1	40	.67	.078	10	8.4	.60	240	.144	2	1.19	.131	.55	<.1	.01	2.3	.4	<.05	6	<.5	15.0
2S12	1.9	36.3	10.0	80	.3	25.9	6.4	212	1.57	21.2	1.3	2.2	.7	34	.5	2.4	.2	16	.26	.070	10	8.5	.18	237	.013	1	.93	.029	.04	<.1	.02	.9	.1	.10	2	1.9	15.0
2S13	8.9	67.3	29.1	139	.3	53.0	15.6	354	3.16	19.8	2.1	1.8	2.8	27	.5	3.3	.4	19	.04	.091	19	12.2	.35	125	.009	1	1.07	.016	.07	.1	.05	1.1	.2	.10	4	2.8	15.0
2S14	15.5	152.4	82.1	495	1.2	169.7	38.3	412	8.24	83.8	8.9	3.8	15.8	60	2.6	14.7	1.1	55	.52	.226	26	29.2	.66	152	.003	1	1.87	.005	.09	.1	.06	3.1	.2	.27	4	7.5	15.0
2S15	3.1	53.4	34.7	191	.8	38.5	7.1	270	1.57	27.3	2.3	2.8	1.2	42	1.2	3.7	.3	51	.76	.123	10	16.6	.50	122	.010	1	.92	.017	.05	.1	.08	1.3	.1	.14	3	3.8	15.0
3S0	2.0	25.2	28.5	84	.2	17.3	6.4	240	2.94	22.8	1.4	1.4	.9	12	.3	1.4	.3	42	.06	.074	19	22.3	.33	87	.014	2	1.40	.004	.05	.2	.05	.9	.1	.06	5	.9	15.0
3S1	2.1	26.3	20.8	75	.1	15.0	5.8	222	2.29	20.4	1.3	2.1	.5	11	.3	1.3	.3	36	.07	.091	19	17.7	.28	83	.011	1	1.16	.008	.05	.1	.03	.6	.1	.07	4	.6	15.0
3S2	2.7	36.9	33.2	102	.1	21.3	9.6	408	3.17	33.7	1.7	1.9	3.3	13	.3	2.1	.4	31	.05	.077	24	19.5	.36	99	.014	1	1.19	.006	.05	.1	.02	1.3	.1	<.05	4	1.1	15.0
3S3	2.3	23.5	25.4	82	<.1	14.1	6.2	258	2.48	28.4	.9	1.6	.9	23	.3	1.5	.3	42	.35	.068	14	17.7	.28	110	.017	1	1.00	.010	.04	.2	.02	.9	.1	.07	5	.8	15.0
3S4	3.8	100.1	73.6	165	.4	41.0	21.8	1155	4.54	1248.0	2.1	22.8	1.3	23	.6	8.2	.5	49	.22	.152	24	22.4	.71	633	.009	1	1.56	.004	.07	.1	.06	1.9	.1	.10	5	1.4	15.0
3S5	4.9	151.2	44.1	184	.6	63.3	33.3	703	6.00	75.9	2.0	24.5	6.4	118	1.4	6.9	.5	30	3.45	.088	42	19.2	1.54	177	.006	2	1.56	.002	.09	<.1	.04	3.6	.1	.12	5	1.8	15.0
3S6	4.8	164.6	89.8	225	.7	64.8	28.8	869	4.85	86.0	2.5	14.9	3.1	85	1.5	4.5	.5	34	1.34	.135	31	17.7	1.32	160	.006	2	1.41	.004	.10	<.1	.05	3.1	.1	.11	4	2.6	15.0
3S7	9.2	143.4	43.7	239	.7	50.5	13.3	410	3.50	38.7	4.9	10.9	5.4	59	1.9	4.5	.5	37	.60	.146	24	15.3	.82	131	.010	1	1.19	.011	.09	.1	.03	1.8	.1	.07	3	3.0	15.0
3S8	.5	17.6	12.7	50	<.1	9.2	4.6	267	1.35	10.8	.5	2.9	1.2	24	.3	3.2	.1	19	.90	.080	16	9.4	.52	76	.016	1	1.01	.021	.04	<.1	.05	1.7	.1	11	3	.7	15.0
3S9	11.6	124.0	22.7	199	.6	56.1	7.9	166	2.27	18.7	1.9	7.9	4.5	38	.5	6.4	.2	102	.69	.160	23	26.8	1.51	260	.021	2	1.48	.004	.21	.1	.05	2.9	.4	<.05	5	1.9	15.0
3S10	9.3	104.2	89.4	435	1.1	127.1	27.7	630	6.24	27.6	3.6	3.8	6.7	80	4.3	7.9	.3	37	.35	.153	57	22.4	.81	245	.006	1	1.22	.013	.11	.1	.04	2.3	.2	.23	3	3.5	15.0
3S11	7.8	87.9	35.3	260	1.1	94.8	22.0	424	4.35	19.9	3.8	2.0	2.4	75	2.4	10.3	.2	44	1.21	.175	34	22.4	.71	225	.005	2	1.18	.005	.08	<.1	.07	2.5	.2	.13	3	3.2	15.0
3S12	10.8	80.5	118.5	699	1.0	89.0	10.1	1199	2.53	41.1	1.8	1.4	2.3	57	12.2	13.4	.2	79	1.07	.138	25	20.6	.84	235	.010	2	1.09	.012	.08	.1	.05	2.9	.2	<.05	3	2.8	15.0
3S13	7.9	79.7	53.8	393	.8	91.4	13.2	432	2.69	30.5	2.6	2.2	3.1	43	2.4	9.3	.2	94	.87	.148	23	34.6	1.36	185	.015	2	1.39	.011	.11	.1	.04	2.9	.3	.12	4	2.9	15.0
3S14	8.0	69.0	179.5	506	1.0	72.5	15.3	363	3.79	88.1	3.1	3.7	3.7	24	2.7	8.7	.6	31	.15	.113	20	14.8	.37	96	.006	1	1.01	.012	.06	.1	.05	1.6	.1	.12	3	5.5	15.0
3S15	6.0	83.8	31.4	386	.8	116.1	27.9	526	5.00	84.3	6.6	4.4	7.0	45	1.5	5.9	.5	40	.79	.153	31	26.5	1.04	240	.004	1	1.75	.004	.11	.1	.08	3.2	.2	.24	5	3.4	15.0
RE 3S15	5.9	83.9	31.4	395	.8	120.2	30.1	517	5.12	82.0	6.5	4.0	7.1	46	1.5	5.7	.5	40	.80	.158	31	27.5	1.04	244	.004	2	1.80	.004	.11	<.1	.06	3.2	.2	.25	5	3.1	15.0
4S0	1.5	25.3	34.3	97	<.1	19.5	8.0	304	2.78	30.2	1.3	1.5	4.9	14	.2	1.6	.3	36	.06	.055	27	19.9	.35	82	.020	1	1.25	.004	.06	.2	.02	1.4	.1	<.05	4	.6	15.0
4S1	1.5	32.0	36.7	102	.1	20.4	10.0	400	3.04	38.7	1.5	.5	2.2	13	.3	1.9	.4	40	.07	.074	29	24.4	.40	101	.015	1	1.17	.004	.06	.1	.02	1.2	.1	.06	4	.7	15.0
4S2	1.1	36.4	30.8	95	.2	23.8	9.7	405	2.09	15.8	.8	10.5	2.2	35	.6	1.4	.2	18	.84	.097	22	14.8	.87	87	.011	1	1.13	.016	.05	.1	.04	2.4	<.1	.10	3	.7	15.0
4S3	31.8	143.6	64.6	240	1.4	39.1	8.9	188	6.44	134.8	10.9	19.1	12.4	72	1.1	18.1	.7	39	.25	.296	17	15.5	.32	190	.006	1	.99	.015	.09	.1	.03	1.7	.2	.25	3	6.8	15.0
4S4	2.3	39.5	14.7	67	.4	13.0	5.4	326	1.28	50.7	2.2	4.7	.4	43	.3	1.6	.2	19	.70	.126	9	7.3	.21	128	.012	1	.86	.028	.04	<.1	.03	.7	.1	.13	3	1.5	15.0
4S5	.4	40.3	8.3	35	.1	5.7	6.0	277	.84	17.5	.9	<.5	.1	24	.3	.4	.1	23	.37	.064	5	3.4	.07	68	.027	<1	.54	.027	.02	<.1	.02	.5	<.1	.09	2	<.5	15.0
4S6	5.5	300.0	76.7	217	.6	80.4	25.9	489	2.12	43.9	10.8	3.7	2.5	71	3.2	2.5	.3	23	1.14	.162	24	11.0	.49	131	.011	2	1.48	.013	.05	<.1	.04	1.3	.1	.24	3	3.2	7.5
4S7	1.0	26.6	21.3	98	.1	34.2	15.3	241	3.02	20.0	1.3	2.5	9.2	108	.2	12.9	.1	20	4.36	.147	40	22.8	1.47	236	.004	1	1.62	.004	.11	.1	.03	3.4	.2	.07	5	<.5	15.0
4S8	3.7	70.0	30.0	130	.3	25.6	9.0	478	2.19	39.5	5.2	4.7	1.9	95	.7	2.2	.3	23	1.47	.142	15	16.5	.40	134	.009	2	.97	.013	.05	.1	.04	1.2	.1	.19	3	1.9	15.0
4S9	1.7	40.7	28.6	112	.3	31.8	11.0	418	3.23	24.9	1.0	11.9	5.0	39	.4	5.0	.2	34	.84	.121	32	28.1	1.95	215	.007	2	2.30	.005	.14	<.1	.02	3.6	.2	.07	7	.8	15.0
4S10	7.0	101.7	27.6	249	.4	56.6	8.5	237	2.53	24.3	3.1	10.1	3.6	31	.9	4.6	.2	92	.52	.172	24	26.9	1.32	533	.022	2	1.59	.010	.22	<.1	.03	2.7	.3	.10	5	.9	15.0
4S11	2.3	45.1	34.5	207	.3	42.1	9.0	339	2.26	19.4	1.0	.5	5.8	19	2.3	3.7	.1	45	.54	.053	20	29.2	2.12	107	.037	1	1.72	.004	.24	<.1	.01	3.5	.3	.06	5	.9	15.0
4S12	17.8	79.5	50.5	689	.9	120.6	10.3	338	2.35	41.7	3.0	1.9	4.6	35	4.6	13.8	.2	205	1.29	.119	18	25.3	2.06	103	.022	2	1.33	.005	.24	.2	.03	2.8	.7	.11	4	2.3	15.0
STANDARD DS6	11.8	125.1	30.1	146	.3	25.1	10.8	721	2.84	21.6	6.9	47.0	3.1	42	6.1	3.7	5.2	56	.87	.080	14	189.7	.59	167	.082	16	1.93	.074	.16	3.6	.23	3.4	1.8	<.05	7	4.6	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
4S13	2.1	36.8	55.2	100	.2	20.9	13.6	426	3.96	35.8	1.8	3.2	2.3	14	.3	2.9	.6	35	.06	.082	23	21.4	.32	69	.017	2	1.18	.004	.05	.2	.05	1.2	.1	.07	5	.9	15
4S14	42.1	70.8	19.6	470	.8	161.8	17.0	529	2.51	42.6	3.8	.5	7.2	36	4.4	17.6	.1	140	1.92	.064	7	24.9	1.93	102	.005	2	1.33	.002	.27	.4	.02	2.8	.7	.40	4	4.4	15
5S0	25.8	129.4	99.4	592	.8	167.2	48.3	873	7.04	115.7	7.5	1.5	8.7	33	5.4	13.9	.7	50	.45	.096	29	17.3	.63	517	.006	2	1.36	.008	.07	.1	.03	2.9	.3	.43	3	7.4	15
5S1	2.1	35.2	42.8	86	.1	19.6	9.0	383	3.91	52.8	1.5	1.6	.9	14	.2	2.2	.4	37	.06	.097	20	22.6	.29	63	.011	1	1.26	.004	.05	.4	.06	.8	.1	.09	6	.9	15
5S2	2.8	63.2	121.4	176	.4	44.9	44.7	1356	4.71	89.1	3.3	2.9	5.1	18	.5	5.6	.8	26	.15	.150	29	25.5	.61	142	.007	2	1.88	.004	.07	.1	.07	1.8	.1	.11	5	1.3	15
5S3	2.1	85.9	109.5	239	.8	79.0	26.8	916	4.30	57.5	1.8	9.7	6.7	34	1.0	7.0	.4	28	.71	.079	39	24.2	1.15	139	.004	2	1.87	.004	.05	.1	.05	4.7	.1	.07	4	1.2	15
5S4	8.7	120.8	53.3	195	.8	43.3	10.5	273	4.15	41.9	5.9	6.4	8.2	80	1.2	6.6	.4	29	.46	.204	22	18.9	.55	247	.007	2	1.23	.008	.08	.2	.03	2.1	.1	.12	4	2.4	15
5S5	24.0	103.5	57.5	170	1.6	28.0	5.7	273	5.01	77.9	7.9	6.9	1.2	98	.3	9.9	.5	44	.12	.377	16	16.9	.34	262	.006	2	.91	.023	.10	.1	.04	.5	.3	.29	4	6.7	15
5S6	14.9	73.5	102.6	166	.8	22.6	8.0	448	5.37	132.0	7.8	5.1	2.0	63	.4	5.8	.6	44	.05	.289	15	21.3	.35	185	.003	1	1.27	.014	.08	.1	.04	.5	.1	.21	5	3.4	15
RE 5S6	15.6	72.1	101.9	162	.8	21.9	8.3	462	5.30	129.7	7.7	3.5	1.8	65	.4	6.1	.6	46	.05	.291	15	21.2	.34	184	.003	1	1.27	.014	.08	.1	.04	.5	.1	.22	4	3.2	15
5S7	4.4	103.1	240.5	246	.7	46.0	19.3	537	6.41	195.3	6.0	6.1	14.8	57	1.0	5.7	.8	32	.12	.119	27	25.9	.97	135	.002	1	1.93	.006	.06	<.1	.02	2.2	.1	.06	6	1.6	15
5S8	9.9	109.2	182.6	205	.6	33.1	13.4	364	4.94	108.3	7.5	5.3	10.9	50	1.1	3.5	.5	31	.14	.141	20	21.8	.69	142	.003	1	1.48	.011	.06	.1	.02	1.6	.1	.12	4	2.0	15
5S9	9.0	87.7	187.5	188	.5	33.5	13.0	409	4.42	124.6	5.4	3.8	5.7	50	.4	3.5	.7	33	.31	.149	20	21.6	.64	233	.005	1	1.56	.010	.07	.1	.02	1.5	.1	.08	5	1.9	15
5S11	7.9	75.6	33.9	491	1.0	93.9	15.6	387	4.01	28.9	3.1	2.7	3.4	50	4.5	8.9	.2	61	.60	.179	35	26.7	.92	275	.012	2	1.31	.009	.11	.1	.05	2.9	.3	.09	4	2.3	15
5S13	24.6	125.5	234.6	868	1.2	176.5	29.2	2357	6.31	150.1	5.1	4.9	10.7	32	11.7	18.3	.5	109	.48	.189	56	44.7	1.87	208	.009	1	1.99	.003	.09	.1	.05	6.7	.3	<.05	6	6.6	15
5S14	4.8	55.4	17.7	190	.8	44.3	8.6	307	2.39	21.2	2.7	2.8	2.4	29	2.7	3.4	.2	42	.72	.115	28	17.9	.65	320	.009	2	1.14	.012	.06	.1	.04	1.6	.2	.09	3	3.2	15
5S15	6.7	66.9	26.4	222	.5	63.0	12.9	285	3.64	28.5	3.4	4.5	4.7	44	1.5	3.7	.4	46	.80	.119	31	27.3	.98	189	.004	2	1.65	.003	.09	.1	.04	2.4	.1	.10	5	3.7	15
6S0	2.0	49.0	68.1	104	.2	20.6	10.5	525	4.65	53.3	1.6	2.0	2.9	18	.3	2.3	.7	39	.05	.094	25	24.8	.40	81	.016	2	1.50	.005	.08	.2	.06	1.5	.1	.07	6	.8	15
6S1	1.7	64.6	73.8	171	.3	42.8	59.1	927	4.80	137.4	3.3	4.9	4.0	11	.3	7.3	.6	27	.06	.099	31	22.3	.48	96	.010	1	1.50	.003	.05	.1	.04	1.4	.1	<.05	5	.9	15
6S2	5.3	70.0	65.0	152	.5	32.5	17.4	814	4.43	57.7	3.5	3.4	4.4	43	.8	5.9	.5	24	.61	.181	25	22.4	.48	163	.003	1	1.52	.003	.05	.1	.05	1.9	.2	.12	5	2.2	15
6S3	2.2	59.9	43.9	150	.5	37.5	14.6	499	3.73	30.5	1.6	5.2	5.7	37	.7	5.6	.3	21	.73	.116	32	21.2	1.06	123	.003	1	1.50	.002	.05	.1	.04	3.9	.1	.09	4	1.3	15
6S4	8.8	79.4	61.8	148	.6	30.8	12.1	273	3.18	62.1	7.4	6.0	8.5	87	.7	7.3	.4	29	.41	.127	31	17.4	.48	240	.005	1	1.13	.004	.07	.1	.02	1.7	.1	.09	3	2.5	15
6S5	4.9	72.9	45.4	128	.6	27.4	8.1	255	3.45	61.7	7.8	7.6	3.9	78	.3	4.4	.4	28	1.03	.167	20	21.7	.65	336	.004	2	1.39	.005	.08	.1	.06	2.0	.1	.16	4	3.0	15
6S6	5.9	59.9	49.4	100	.6	19.8	7.9	289	3.10	52.4	6.9	6.2	5.9	70	.2	4.7	.6	26	.42	.144	21	19.3	.47	337	.002	1	1.24	.003	.07	.1	.05	1.3	.1	.07	4	2.3	15
6S7	8.8	60.5	46.9	109	.7	19.2	8.2	272	3.33	48.8	6.3	4.4	5.6	62	.2	4.6	.5	31	.24	.137	21	19.5	.42	272	.003	1	1.21	.005	.07	.1	.05	1.2	.1	.07	4	2.1	15
6S8	11.2	67.7	81.9	160	1.3	32.0	11.2	349	4.56	88.2	6.6	11.0	7.3	71	.6	8.3	.7	37	.35	.214	24	23.6	.54	219	.005	1	1.70	.006	.08	.1	.05	1.4	.1	.08	5	2.7	15
6S9	8.0	107.0	19.5	288	.6	51.7	13.1	354	2.85	25.0	2.3	5.2	4.0	25	.7	2.8	.2	110	.49	.159	22	36.3	2.25	224	.033	2	2.10	.003	.36	<.1	.03	2.2	.4	<.05	6	1.7	15
6S10	7.8	121.4	70.8	250	.6	63.1	21.2	540	4.48	86.8	7.1	6.1	6.4	49	1.2	5.4	.4	36	.26	.156	28	21.4	.87	215	.008	1	1.68	.008	.10	.1	.02	2.2	.1	.06	5	2.1	15
6S11	6.2	109.6	72.9	248	.6	57.2	16.0	410	4.37	74.9	7.4	5.3	7.4	47	1.3	5.4	.5	33	.30	.163	28	23.1	.92	202	.005	1	1.75	.005	.08	.1	.03	2.6	.1	<.05	5	2.1	15
6S12	11.0	61.7	36.9	408	.4	82.9	16.4	489	3.64	37.0	2.3	3.7	5.1	21	2.3	7.2	.3	82	.29	.107	31	32.3	1.31	385	.008	1	1.72	.004	.13	.1	.02	3.0	.3	<.05	5	3.6	15
6S13	7.8	95.4	17.5	328	.5	74.3	14.3	318	3.80	24.4	2.5	3.6	8.8	33	1.7	5.2	.3	80	.45	.126	36	30.6	2.14	197	.015	2	2.20	.003	.20	.1	.02	4.0	.3	<.05	7	2.0	15
6S14	13.9	79.5	62.5	402	1.5	90.7	20.5	817	3.65	42.6	4.0	11.5	6.3	31	2.2	11.2	.4	96	.53	.135	41	29.5	.99	356	.004	2	1.64	.003	.11	.2	.05	3.3	.4	<.05	5	4.8	15
6S15	14.2	80.8	65.4	406	1.1	115.4	25.1	979	4.62	31.2	2.8	6.2	6.2	38	2.9	7.3	.5	58	.94	.100	43	22.7	.89	245	.006	2	1.39	.006	.10	.1	.04	3.0	.2	.11	4	4.5	15
7S0	1.7	36.5	32.0	90	.2	20.2	12.3	468	3.48	74.2	2.2	2.9	.8	20	.2	1.8	.5	31	.06	.109	19	17.4	.29	88	.010	1	1.25	.011	.05	.1	.05	.7	.1	.11	5	.8	15
STANDARD DS6	11.8	123.9	29.7	143	.3	24.8	10.7	708	2.83	21.3	6.8	45.5	3.0	41	6.4	3.6	5.1	56	.87	.080	14	187.2	.59	166	.082	17	1.93	.074	.15	3.6	.23	3.3	1.8	<.05	7	4.4	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
7S1	.8	28.2	62.2	77	.3	14.8	11.1	433	2.80	71.7	1.2	3.2	1.7	15	.2	1.6	.5	21	.10	.086	18	11.8	.23	42	.013	<1	.92	.014	.04	.2	.03	.7	.1	<.05	4	.6	15
7S2	2.7	58.9	45.8	206	.5	43.0	17.3	442	2.96	41.8	2.3	7.0	3.3	46	.9	5.6	.3	19	.95	.094	24	14.7	.69	114	.006	1	1.27	.014	.04	.1	.03	2.6	.1	.11	3	1.4	15
7S3	1.7	65.7	100.0	219	.7	44.2	16.8	602	3.46	39.7	3.2	7.7	4.1	55	.8	3.6	.4	26	1.07	.109	26	20.1	.79	146	.007	1	1.55	.010	.05	.1	.05	3.2	.1	.14	4	1.5	15
7S4	7.3	69.4	49.4	115	.2	24.6	15.4	456	3.88	46.8	3.8	3.3	1.4	48	.5	4.0	.5	42	.07	.118	20	20.6	.45	133	.010	<1	1.46	.008	.07	.2	.03	.9	.1	.09	5	2.3	15
7S5	2.9	69.8	86.2	178	.1	45.1	30.2	703	4.40	293.4	4.5	4.6	6.1	39	.7	3.3	.4	38	.11	.099	22	18.6	.52	90	.019	1	1.39	.011	.08	.2	.01	2.1	.1	<.05	4	1.1	15
7S6	4.5	125.6	198.0	515	1.7	124.6	56.7	3311	5.76	46.4	6.3	3.0	17.3	26	4.7	16.0	.2	40	.35	.209	37	22.8	.18	418	.001	1	1.09	.003	.06	.1	.05	8.0	.2	<.05	2	1.5	15
7S7	4.1	53.6	34.6	200	.4	54.7	12.7	330	3.66	65.8	3.2	3.9	8.1	40	.4	8.2	.3	41	.42	.130	31	24.2	1.04	229	.003	1	1.72	.004	.06	.1	.02	2.9	.1	.06	5	1.1	15
7S8	5.1	57.1	35.4	154	.2	33.5	12.5	338	4.02	29.6	1.9	3.9	2.6	44	.4	3.1	.3	50	.22	.094	35	32.6	1.58	285	.023	2	2.27	.007	.31	.1	.01	1.6	.4	.17	7	1.3	15
7S9	4.5	38.1	41.2	126	.2	20.4	7.3	421	3.30	58.1	1.6	2.8	.7	24	.3	4.4	.3	38	.16	.122	22	19.8	.52	169	.004	1	1.32	.004	.09	.1	.02	.3	.1	<.05	5	1.0	15
7S10	3.3	29.8	20.9	78	.2	15.0	5.5	477	1.78	28.8	1.1	4.8	.3	9	.4	2.0	.2	28	.03	.114	10	12.5	.26	89	.002	1	.84	.010	.04	.1	.01	.2	.1	<.05	3	.7	15
7S11	6.7	63.2	52.7	149	.4	27.7	13.8	803	3.48	71.0	3.4	5.0	.4	24	.6	4.2	.3	36	.06	.196	19	19.4	.57	152	.002	1	1.35	.004	.08	.1	.02	.3	.2	.10	4	1.4	15
7S12	17.4	92.3	54.6	828	1.0	119.4	16.3	442	3.59	67.6	3.1	3.6	5.0	26	8.3	19.1	.3	108	.46	.121	34	26.5	1.12	416	.008	2	1.53	.004	.13	.2	.03	3.2	.3	<.05	5	5.2	15
7S14	10.5	114.6	20.1	332	.8	66.7	12.7	325	3.07	28.1	2.0	3.8	5.7	45	2.1	5.6	.2	79	.68	.139	21	27.2	2.02	196	.021	2	1.80	.003	.22	<.1	.03	3.6	.3	.08	6	2.2	15
7S15	6.9	64.6	23.1	260	.6	53.4	11.4	493	2.37	21.6	2.3	5.7	3.0	38	1.2	3.7	.2	66	.70	.109	19	24.0	1.24	222	.014	2	1.44	.003	.15	.1	.04	2.5	.3	.08	4	2.1	15
8S0	1.6	44.6	23.5	126	<.1	51.6	51.4	1063	4.04	61.2	2.2	3.0	7.7	12	.2	3.1	.4	27	.04	.066	31	21.0	.43	89	.010	1	1.52	.004	.05	.2	.02	1.5	.1	<.05	5	.6	15
8S1	2.4	72.9	56.9	161	.4	51.9	31.8	1126	4.93	128.4	2.9	6.2	3.0	47	.5	3.1	.5	92	.39	.117	38	48.1	.77	313	.024	1	1.79	.006	.11	.2	.04	3.6	.2	.09	7	.9	15
8S2	5.4	99.8	75.1	226	.7	59.7	24.0	600	5.02	74.3	3.4	29.9	9.8	50	1.0	6.3	.6	36	.57	.145	33	24.2	.80	172	.007	2	1.67	.005	.07	.1	.05	3.8	.1	<.05	4	1.8	15
8S3	4.0	66.3	51.8	149	.7	41.0	13.8	399	3.55	55.1	5.3	6.9	3.5	64	.6	4.1	.4	30	1.03	.129	24	22.2	.69	205	.006	2	1.33	.004	.06	.1	.05	3.0	.1	.14	4	1.9	15
RE 8S3	3.9	65.3	52.3	150	.7	40.4	14.0	415	3.55	55.6	5.4	7.2	3.6	63	.5	4.1	.4	30	.99	.120	24	22.4	.70	212	.006	2	1.39	.004	.05	.1	.06	2.8	.1	.09	4	2.2	15
8S4	5.8	64.1	69.1	150	.7	33.9	11.0	448	3.24	36.8	5.6	8.2	4.5	70	.4	3.8	.4	32	.87	.160	22	22.4	.65	247	.005	2	1.50	.004	.06	.1	.04	2.4	.1	.11	4	2.3	15
8S5	6.3	54.4	74.5	128	.4	22.3	14.4	551	2.79	28.9	4.5	5.4	5.1	73	.2	2.4	.4	35	.31	.149	25	22.3	.53	238	.006	1	1.38	.004	.08	.1	.03	1.6	.1	<.05	4	1.6	15
8S6	31.8	299.4	101.5	705	1.4	164.8	40.4	2305	5.07	120.0	6.6	24.7	16.2	38	6.4	56.7	.3	55	.67	.292	43	17.9	.34	297	.002	2	.88	.001	.08	.2	.05	5.8	.6	<.05	2	2.8	15
8S7	4.9	89.0	49.8	189	.4	49.2	12.8	355	3.81	93.0	3.3	6.7	8.8	43	.7	5.0	.4	36	.29	.134	33	22.3	.76	172	.008	1	1.59	.005	.07	.3	.02	2.1	.1	<.05	5	1.7	15
8S8	7.2	103.0	80.8	249	.6	58.7	14.6	463	4.49	95.4	4.1	7.0	13.9	44	1.3	7.1	.4	40	.38	.166	35	22.2	1.04	240	.008	2	1.72	.005	.12	.1	.03	4.5	.2	<.05	5	1.7	15
8S9	2.2	26.1	31.6	95	.1	17.8	8.2	353	2.87	35.7	1.3	2.4	.4	16	.4	2.1	.3	33	.16	.141	13	20.0	.78	108	.004	1	1.46	.008	.07	.1	.02	.3	.1	<.05	6	.6	15
8S10	4.0	49.8	36.0	175	.2	37.1	15.5	945	3.45	49.7	2.1	3.2	1.6	19	1.2	2.5	.2	48	.19	.171	25	24.5	1.09	149	.010	1	1.83	.003	.13	.1	.02	1.1	.2	<.05	5	1.1	15
8S11	5.5	73.6	37.8	171	.3	38.9	12.3	436	3.55	77.4	3.5	5.6	12.5	33	.9	5.3	.3	27	.18	.130	32	16.6	.78	129	.009	1	1.33	.004	.08	.1	.02	2.1	.1	<.05	4	1.3	15
8S12	4.8	74.0	45.5	175	.5	40.8	11.8	389	3.39	60.1	5.0	4.3	4.3	56	.7	4.2	.4	34	.55	.151	28	19.5	.74	208	.009	2	1.50	.008	.08	.1	.02	2.0	.1	.07	4	1.4	15
8S13	3.5	59.1	22.5	217	.4	45.4	10.8	280	3.02	25.8	1.0	6.3	8.0	36	1.3	3.8	.2	49	.70	.146	31	25.1	1.69	181	.014	3	1.90	.003	.15	.1	.02	4.2	.2	<.05	6	.6	15
8S14	2.5	49.7	18.0	198	.3	43.7	11.2	262	2.85	18.7	.8	2.2	8.0	46	1.4	3.1	.2	33	1.12	.156	33	20.3	1.36	132	.009	2	1.63	.003	.11	.1	.02	3.8	.1	<.05	5	.6	15
8S15	4.6	65.0	21.5	221	.5	52.9	13.7	465	2.90	32.5	1.7	5.6	4.7	39	.9	4.0	.2	50	.94	.115	28	24.9	1.64	269	.008	2	1.88	.003	.12	.1	.03	3.3	.2	.06	5	1.8	15
9S0	1.0	145.3	67.3	184	.4	100.7	65.2	2849	7.92	80.9	1.8	11.8	10.3	115	.8	1.2	.2	317	.57	.177	50	188.7	4.08	1263	.218	1	4.06	.006	1.01	.1	.03	22.9	.7	<.05	15	<.5	15
9S1	3.1	66.6	97.3	190	.7	53.9	26.6	1167	3.95	49.7	2.6	2.9	4.2	60	.8	5.1	.3	36	1.08	.151	31	25.3	.92	206	.009	2	1.72	.004	.07	.1	.07	4.1	.1	.11	5	.8	15
9S2	2.3	58.5	45.1	135	.6	34.7	13.3	491	3.33	39.3	5.6	8.2	3.9	57	.7	3.5	.4	28	.97	.129	25	20.9	.61	230	.007	2	1.40	.005	.06	.1	.07	3.2	.1	.13	4	1.5	15
STANDARD DS6	11.9	126.5	29.8	145	.3	25.4	10.8	712	2.86	21.5	6.9	47.8	3.1	41	6.3	3.6	5.1	57	.87	.080	14	188.2	.59	166	.083	18	1.95	.074	.16	3.5	.23	3.3	1.8	<.05	7	4.4	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
G-1	.3	2.4	2.8	44	<.1	3.7	4.3	557	2.08	<.5	2.6	<.5	4.0	90	<.1	<.1	.1	42	.66	.078	10	7.9	.56	232	.144	1	1.12	.127	.57	.1	<.01	2.5	.3	.06	6	<.5	15
9S3	11.2	54.6	54.6	113	.7	19.9	6.4	174	3.47	26.6	6.0	3.6	9.9	70	.6	4.2	.7	26	.36	.209	21	16.1	.38	232	.006	1	1.06	.011	.07	.2	.04	1.7	.1	.12	3	3.1	15
9S4	4.9	45.0	96.6	130	.5	20.5	9.8	311	3.05	51.0	3.1	2.3	2.2	45	.4	2.5	.7	39	.35	.113	20	20.3	.35	179	.009	1	1.07	.006	.06	.2	.03	1.1	.1	.10	5	1.6	15
9S5	4.5	67.8	200.1	314	2.1	54.1	13.8	344	2.96	43.7	3.3	7.6	3.9	65	2.0	21.2	.4	37	.20	.148	27	15.8	.39	221	.008	1	1.21	.004	.05	.2	.07	2.1	.2	.12	4	2.7	15
9S6	6.5	119.0	52.9	356	1.0	85.3	16.4	352	3.62	48.7	3.9	4.8	6.9	54	2.0	11.1	.3	82	.82	.167	36	35.7	1.77	299	.011	2	2.21	.003	.13	.1	.07	4.4	.3	.07	7	2.4	15
9S7	5.5	77.2	47.8	230	.5	53.6	13.9	414	3.01	39.8	3.2	3.9	4.1	42	1.0	7.1	.3	70	.54	.155	27	29.3	.95	328	.008	1	1.55	.004	.08	.1	.04	3.0	.2	.09	5	1.8	15
9S8	4.3	58.7	42.1	194	.4	42.0	10.8	338	2.71	41.4	2.0	3.0	2.7	28	.5	6.0	.2	59	.30	.131	25	25.1	1.14	236	.010	1	1.57	.006	.10	.1	.03	1.9	.2	.06	5	1.4	15
9S9	3.8	64.0	60.8	172	.3	37.2	13.7	405	3.33	47.1	1.7	5.1	5.3	28	.8	4.3	.3	46	.21	.114	26	24.1	.97	123	.016	1	1.56	.005	.10	.3	.02	1.6	.1	<.05	5	1.4	15
9S10	5.0	65.8	49.7	175	.3	35.4	13.7	505	3.73	104.4	2.9	6.9	3.1	23	.9	4.9	.3	40	.15	.164	24	22.6	.75	128	.010	1	1.65	.005	.08	.2	.05	1.5	.1	<.05	5	1.7	15
RE 9S10	4.7	64.2	49.1	172	.3	34.4	13.8	494	3.64	102.5	2.9	6.4	2.6	22	.9	5.1	.3	40	.16	.158	23	22.8	.76	126	.011	1	1.66	.005	.09	.1	.05	1.4	.1	.07	4	1.7	15
9S11	5.6	83.1	57.3	273	.5	56.0	17.7	660	3.89	62.7	2.7	7.5	6.4	29	1.0	6.4	.3	45	.25	.184	27	24.5	1.28	139	.011	1	1.85	.003	.13	.1	.02	2.1	.2	<.05	5	1.7	15
9S12	4.8	85.1	51.4	219	.5	44.3	14.6	577	3.24	56.9	2.4	5.7	3.6	24	1.3	5.0	.3	45	.19	.136	27	22.7	.99	141	.019	1	1.51	.004	.13	.1	.03	2.6	.2	.06	4	1.1	15
9S13	4.6	89.0	50.7	224	.5	47.6	14.3	532	3.59	89.9	2.9	7.8	7.2	31	1.7	6.0	.3	37	.27	.157	29	19.3	.97	195	.011	1	1.52	.004	.10	.1	.03	3.2	.1	<.05	4	1.2	15
9S14	3.0	42.2	18.1	166	.2	31.9	6.6	192	2.29	23.2	1.5	4.1	3.9	23	.4	2.9	.2	46	.31	.117	24	21.0	1.13	199	.013	2	1.52	.005	.11	.1	.02	2.7	.2	<.05	5	.5	15
9S15	5.7	77.9	22.3	229	.5	47.1	8.7	275	2.87	95.9	1.3	3.4	5.7	27	1.3	4.9	.2	58	.52	.139	26	22.1	1.42	184	.010	2	1.58	.003	.16	.1	.02	3.5	.2	<.05	4	1.0	15
10S0	1.7	46.2	38.5	147	.4	42.2	16.5	686	3.23	22.7	2.8	1.5	4.6	31	.7	2.2	.4	31	.41	.117	29	21.5	.66	166	.012	1	1.46	.005	.05	.2	.03	3.0	.1	.07	4	.7	15
10S1	2.0	57.2	65.0	163	.3	35.6	15.9	545	3.51	69.9	2.2	3.6	6.2	32	.4	5.5	.3	38	.55	.113	32	23.4	.81	183	.010	1	1.48	.004	.06	.2	.02	3.3	.1	.06	4	.8	15
10S2	2.5	55.1	33.6	108	.4	28.2	12.4	507	2.97	40.5	3.5	3.7	2.7	46	.4	2.4	.3	44	.73	.178	22	27.0	.62	304	.012	2	1.46	.004	.06	.7	.07	2.4	.1	.18	4	1.5	15
10S3	2.7	61.3	50.5	148	.1	41.1	25.4	664	4.62	38.0	2.9	3.1	6.1	28	.5	2.3	.5	33	.11	.092	28	23.8	.61	142	.015	1	1.46	.005	.06	.2	.02	1.8	.1	.06	5	.9	15
10S5	16.1	106.8	269.7	925	1.5	171.3	32.8	250	5.59	171.9	4.6	9.7	2.3	113	3.6	14.4	.4	95	.36	.378	38	24.1	.24	293	.003	1	1.05	.003	.08	.2	.07	2.1	.3	.09	3	7.8	15
10S6	18.6	85.5	336.6	690	1.2	106.0	22.1	378	4.02	153.0	2.5	5.6	3.1	79	2.1	11.7	.4	115	.34	.228	34	31.5	.74	310	.005	1	1.28	.003	.11	.2	.08	2.7	.3	.08	4	5.3	15
10S7	8.1	77.9	153.9	377	.7	58.6	11.4	403	2.96	94.2	2.4	5.2	5.1	44	1.5	5.7	.3	70	.34	.157	30	26.8	.89	254	.013	1	1.42	.004	.10	.2	.05	3.0	.2	<.05	4	2.4	15
10S8	5.5	43.0	104.0	184	.3	24.7	7.7	349	3.26	70.9	1.7	1.0	.5	21	1.5	3.7	.4	58	.12	.108	23	23.3	.44	179	.011	1	1.15	.004	.10	.2	.03	.8	.1	.06	6	1.3	15
10S9	3.7	31.4	70.9	138	<.1	20.4	10.4	669	3.34	50.8	1.5	1.3	.3	17	1.1	3.1	.3	49	.08	.151	16	26.5	.46	159	.006	1	1.31	.005	.08	.1	.03	.5	.1	<.05	6	1.2	15
10S10	3.3	40.2	49.2	156	.1	33.3	13.0	466	3.59	52.0	1.8	2.8	1.1	20	.7	4.0	.3	41	.13	.132	22	28.0	.60	119	.012	1	1.60	.004	.09	.2	.03	1.2	.1	<.05	5	1.6	15
10S12	4.6	56.8	42.8	176	.3	35.7	11.4	435	3.36	64.5	2.0	2.8	2.1	24	.7	5.0	.3	42	.22	.142	25	21.4	1.04	177	.010	1	1.54	.006	.10	.1	.03	1.3	.1	<.05	4	1.3	15
10S13	2.4	21.6	21.5	88	.3	14.1	4.4	213	1.90	27.6	1.1	1.1	.1	33	.3	2.1	.2	30	.42	.087	11	13.0	.38	239	.007	2	.90	.018	.06	.1	.02	.3	.1	<.05	3	.9	15
10S14	7.9	67.1	43.0	376	.6	67.4	15.1	619	3.32	70.5	3.8	3.3	7.1	28	2.6	7.3	.3	58	.30	.138	28	24.4	1.33	203	.010	2	1.59	.004	.17	.2	.03	3.0	.2	<.05	5	2.3	15
10S15	5.8	96.4	49.5	266	.4	57.5	16.6	403	3.55	81.8	2.9	6.3	7.4	30	1.3	6.8	.3	53	.31	.165	33	21.8	1.29	184	.013	2	1.63	.004	.14	.1	.03	2.7	.2	<.05	4	1.5	15
11S0	1.3	38.6	66.1	122	.2	26.6	10.9	605	3.87	30.1	1.7	.6	3.5	29	.3	1.6	.5	38	.13	.121	30	24.4	.66	119	.012	2	1.60	.005	.09	.1	.04	1.5	.1	.07	6	.9	15
11S1	1.9	42.3	137.7	169	.3	28.2	10.8	450	3.41	53.1	1.7	3.5	4.8	23	.4	2.8	.4	40	.13	.104	26	24.4	.62	123	.017	1	1.36	.004	.07	.2	.04	1.9	.1	<.05	4	.8	15
11S2	1.4	39.1	43.9	121	.3	24.9	10.6	418	2.73	65.5	2.7	4.0	3.8	30	.3	2.1	.3	33	.43	.117	24	23.9	.65	206	.011	2	1.38	.006	.06	1.3	.04	2.9	.1	.06	4	.7	15
11S3	1.2	30.0	28.1	87	.1	18.3	7.8	303	2.19	39.4	1.6	1.4	2.0	25	.3	1.3	.3	31	.32	.095	19	17.4	.42	204	.013	1	1.11	.012	.05	.1	.03	1.4	.1	<.05	4	.7	15
11S4	2.3	45.6	170.7	163	.4	29.3	9.2	322	3.61	352.7	2.3	7.9	3.6	24	.8	4.7	.4	40	.11	.099	24	21.3	.38	95	.019	1	1.13	.005	.06	.3	.03	1.7	.1	<.05	4	1.1	15
11S5	4.1	45.5	79.3	211	.4	40.6	14.6	454	3.38	44.2	2.1	1.8	4.9	34	1.0	5.1	.3	54	.19	.154	26	23.9	.56	169	.016	1	1.28	.004	.07	.3	.04	1.8	.1	<.05	4	1.6	15
STANDARD DS6	11.6	122.4	29.4	143	.3	24.7	10.8	707	2.82	21.0	6.7	46.7	3.1	40	6.0	4.0	5.1	56	.85	.078	14	185.9	.58	163	.080	18	1.89	.073	.16	3.8	.22	3.2	1.8	<.05	7	4.6	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

Berdahl, Ron FILE # A507782

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
G-1	.1	2.3	3.4	46	<.1	3.8	4.3	611	2.20	<.5	2.5	<.5	4.4	95	<.1	<.1	.1	45	.74	.079	11	9.0	.60	236	.157	2	1.17	.142	.59	<.1	<.01	2.6	.3	<.05	6	<.5	15
11S6	7.0	69.0	89.1	419	.6	88.8	18.6	443	3.89	34.0	2.5	2.4	6.4	41	1.7	6.1	.3	86	.37	.161	26	35.5	1.06	231	.009	1	1.61	.004	.07	.2	.02	3.3	.2	<.05	5	2.5	15
11S7	6.2	54.1	109.2	266	.8	56.6	20.1	689	3.69	57.5	2.7	4.2	2.7	32	.9	6.2	.3	74	.32	.158	22	32.4	.91	270	.009	2	1.67	.004	.10	.2	.04	2.2	.3	<.05	6	1.6	15
11S8	5.3	49.8	29.4	314	.4	65.1	10.5	374	2.45	35.1	1.7	3.5	5.9	25	1.4	5.9	.2	52	.40	.098	24	25.9	1.52	169	.022	2	1.55	.003	.15	.1	.03	3.2	.3	<.05	5	1.6	15
11S9	6.2	65.8	36.5	250	.5	64.3	13.7	410	3.58	33.8	3.0	3.4	2.7	43	2.2	5.7	.2	56	.41	.143	21	25.2	.70	557	.016	1	1.39	.006	.10	.2	.02	2.3	.2	<.05	4	2.0	15
11S10	9.4	69.9	23.6	259	.5	55.5	10.8	259	2.85	28.5	1.9	7.6	4.1	26	1.4	5.8	.2	64	.31	.121	22	22.1	1.05	339	.020	2	1.26	.005	.14	.2	.02	2.1	.2	<.05	4	1.6	15
11S11	5.1	35.3	25.2	177	.1	35.5	9.5	254	2.67	23.3	1.3	2.4	1.7	20	1.1	3.3	.2	55	.17	.127	24	22.0	.72	332	.016	2	1.22	.004	.12	.4	.01	1.2	.2	<.05	4	1.2	15
11S12	4.7	39.8	37.5	164	.1	29.4	12.6	423	3.55	51.1	1.6	3.2	3.3	23	.6	4.2	.3	52	.21	.132	24	24.5	.93	342	.012	2	1.66	.004	.11	.1	.02	1.5	.2	<.05	5	1.5	15
11S13	5.3	53.1	43.2	189	.2	37.9	12.8	398	3.54	75.0	1.8	4.1	1.9	26	.7	5.3	.3	46	.24	.156	22	23.5	1.19	198	.008	1	1.62	.005	.11	.1	.01	1.0	.2	<.05	5	1.5	15
11S14	2.1	28.9	28.7	96	.3	18.5	4.4	222	1.58	23.2	1.2	1.7	.1	40	.6	1.9	.2	28	.45	.092	14	12.2	.34	340	.007	1	.87	.017	.07	.1	.02	.3	.1	<.05	3	.8	15
11S15	4.4	44.7	52.1	162	.3	38.4	10.5	349	2.90	45.1	1.3	2.6	3.3	29	.6	4.1	.3	48	.32	.098	24	20.0	.69	330	.019	1	1.25	.006	.12	.1	.01	1.6	.2	<.05	4	1.1	15
RE 11S15	4.5	45.5	51.4	168	.3	37.1	10.5	357	2.89	47.4	1.3	3.3	3.2	30	.5	4.1	.4	48	.31	.101	23	19.9	.67	329	.018	2	1.26	.005	.11	.2	<.01	1.5	.1	<.05	4	1.1	15
13S0	1.9	31.1	30.0	137	<.1	39.9	20.5	526	3.70	26.8	2.1	2.8	10.1	48	.4	2.3	.4	30	.28	.079	33	24.7	.99	148	.030	1	1.85	.006	.09	.1	<.01	2.0	.1	<.05	5	.6	15
13S1	2.0	27.4	30.7	105	<.1	23.5	10.0	403	3.36	34.5	1.1	1.3	2.1	18	.3	3.0	.4	44	.08	.066	22	24.4	.54	100	.023	2	1.69	.005	.09	.2	.02	1.8	.1	<.05	6	1.1	15
13S2	2.1	40.6	39.6	144	.1	39.7	21.4	628	3.68	38.8	1.4	2.1	8.9	26	.4	3.9	.4	44	.15	.086	27	27.1	.79	135	.037	2	2.37	.008	.12	.2	.02	3.5	.2	<.05	6	1.2	15
13S3	1.8	39.1	49.6	125	<.1	32.8	14.9	540	3.06	35.9	1.2	2.9	6.2	15	.4	2.7	.4	42	.08	.042	28	26.2	.62	134	.026	1	1.60	.005	.08	.2	.01	2.5	.1	<.05	5	.8	15
13S4	1.6	38.9	31.6	136	.1	39.5	19.3	608	4.47	33.1	1.3	6.2	6.1	20	.3	3.9	.5	48	.08	.061	27	31.7	.93	113	.033	2	2.42	.005	.12	.1	.01	2.9	.2	<.05	7	1.1	15
13S5	2.1	32.1	36.6	116	<.1	29.0	13.7	476	3.33	30.4	1.0	1.9	6.0	18	.3	2.9	.4	42	.10	.059	26	25.2	.64	95	.026	1	1.75	.006	.09	.1	.01	2.4	.1	<.05	5	.9	15
13S6	1.5	38.1	43.4	145	<.1	33.7	15.5	581	3.67	32.0	1.0	2.7	7.9	23	.4	2.9	.4	43	.17	.094	29	26.5	.87	137	.036	1	2.46	.006	.15	.1	.01	3.7	.2	<.05	6	.8	15
13S7	1.8	20.6	24.2	131	<.1	24.1	10.2	420	3.31	26.5	1.8	4.0	2.5	23	.2	2.2	.4	44	.19	.081	21	27.6	.69	161	.018	1	2.06	.005	.13	.1	.01	2.4	.1	<.05	6	.8	15
13S8	1.9	32.5	30.5	182	<.1	28.7	15.6	573	3.87	33.1	1.9	2.4	2.9	30	.3	2.4	.4	41	.23	.088	23	25.0	.72	115	.025	1	2.22	.008	.13	.1	.02	2.6	.1	<.05	6	1.2	15
13S9	3.3	30.0	24.1	225	<.1	37.6	16.1	652	3.65	24.1	1.7	2.4	2.7	31	.7	2.4	.3	44	.44	.078	18	20.3	.89	244	.031	2	2.02	.021	.17	.1	.01	3.7	.1	<.05	6	1.7	15
13S10	3.5	34.2	31.6	172	<.1	48.5	17.2	468	3.83	32.2	3.3	7.0	5.8	20	.8	2.7	.4	39	.24	.066	29	27.5	.91	163	.017	1	1.70	.005	.10	.1	.01	2.3	.1	<.05	5	1.4	15
13S11	2.4	37.7	22.8	139	<.1	42.3	20.8	596	4.23	28.6	1.4	10.7	7.1	13	.4	2.3	.4	38	.15	.074	35	27.9	1.05	184	.012	1	2.14	.004	.13	<.1	<.01	2.3	.1	<.05	6	1.2	15
13S12	4.0	42.1	35.0	185	.1	55.9	18.9	437	4.14	36.0	1.7	4.6	7.5	12	.3	3.5	.4	40	.12	.077	34	28.4	.97	94	.012	1	1.82	.004	.09	.1	<.01	2.0	.1	<.05	5	1.4	15
13S13	6.9	67.0	35.9	327	.6	68.6	15.6	479	3.57	55.6	3.3	4.4	6.4	31	2.9	7.1	.2	51	.44	.124	27	22.9	1.20	214	.009	1	1.50	.004	.14	.1	.02	2.9	.2	.08	4	2.7	15
13S14	3.5	24.8	26.3	101	.2	21.8	7.3	243	3.41	35.8	.9	2.0	2.0	22	.4	3.2	.4	53	.21	.063	21	21.7	.59	108	.029	1	1.32	.006	.09	.2	.01	2.4	.1	<.05	7	1.0	15
14S0	5.5	28.2	20.8	163	.1	24.2	29.7	4167	2.56	19.8	.9	1.3	.4	20	5.9	3.1	.3	45	.17	.114	14	14.5	.28	278	.009	1	.85	.012	.07	.1	<.01	.6	.2	.07	4	.9	15
14S1	2.6	37.0	53.2	159	.2	33.6	15.9	569	3.58	52.4	1.4	2.1	3.3	22	.6	3.5	.4	44	.13	.105	27	27.2	.67	108	.025	1	2.14	.006	.11	.2	.03	2.3	.2	<.05	6	1.4	15
14S2	2.4	48.5	44.6	135	<.1	39.9	20.6	651	3.34	33.7	1.4	3.5	9.1	22	.6	3.3	.4	41	.16	.073	31	25.8	.72	144	.035	1	1.88	.006	.09	.2	.01	2.8	.1	<.05	5	.9	15
14S3	2.4	47.4	39.9	160	.1	41.9	16.7	526	3.60	38.4	1.3	4.9	6.8	20	.5	3.8	.4	42	.14	.090	31	27.3	.73	142	.029	2	2.02	.006	.11	.2	.02	3.0	.2	<.05	5	1.1	15
14S4	2.8	49.3	67.6	187	.1	38.8	18.1	688	3.66	33.7	1.5	3.9	8.7	19	.5	3.5	.6	49	.10	.053	31	29.1	.81	162	.037	2	2.15	.006	.12	.2	.02	3.4	.2	<.05	6	1.0	15
14S5	1.9	26.9	33.9	125	.1	34.3	16.3	656	3.84	38.4	1.0	1.5	5.9	18	.4	3.0	.4	42	.15	.106	28	28.5	.79	114	.032	2	2.11	.005	.14	.1	.01	2.8	.1	<.05	6	1.1	15
14S6	.8	32.1	27.9	89	<.1	29.6	16.0	636	3.42	22.8	.9	3.2	11.4	22	.3	2.3	.3	35	.16	.074	35	26.6	1.07	243	.043	1	2.41	.006	.19	.1	<.01	4.5	.2	<.05	7	<.5	15
14S8	3.6	48.1	21.9	167	.9	52.5	14.9	447	3.21	29.9	7.8	3.8	4.2	40	1.0	2.5	.3	40	.64	.089	29	19.8	.78	334	.024	1	1.76	.020	.12	.1	.05	3.7	.2	<.05	5	1.8	15
STANDARD DS6	11.7	125.3	30.3	146	.3	25.2	11.1	711	2.87	21.2	6.8	48.3	3.2	41	6.1	4.0	5.1	57	.87	.081	15	189.8	.59	168	.084	16	1.96	.075	.17	3.7	.22	3.3	1.8	<.05	7	4.4	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

Berdahl, Ron FILE # A507782

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
G-1	.1	1.9	3.2	45	<.1	3.7	4.2	562	2.13	<.5	2.5	<.5	4.3	92	<.1	<.1	.1	43	.69	.080	11	9.0	.60	236	.147	1	1.16	.156	.55	.1	<.01	2.3	.3	<.05	6	<.5	15
14S9	2.6	47.6	32.8	140	.1	38.6	13.2	412	3.20	34.0	1.4	3.2	6.7	20	.7	2.7	.3	35	.21	.099	29	20.2	.79	158	.023	1	1.34	.006	.10	.1	.02	2.3	.1	<.05	4	1.2	15
14S11	2.5	39.6	34.0	145	<.1	34.9	17.2	859	4.51	33.6	1.2	2.5	5.6	38	.5	3.3	.5	44	.12	.105	21	22.6	.77	131	.029	1	2.44	.011	.15	.1	.03	3.6	.2	<.05	7	1.3	15
15S0	5.0	59.6	31.7	184	.5	44.8	15.1	649	3.55	29.6	2.0	3.7	2.7	47	1.0	5.8	.3	49	.67	.177	23	24.7	1.12	204	.009	2	1.63	.008	.10	.1	.03	2.5	.2	.07	5	1.5	15
15S1	2.4	34.3	42.3	147	<.1	33.0	15.9	555	4.37	37.5	1.2	4.8	8.1	23	.4	3.8	.5	41	.16	.105	30	26.3	.77	106	.032	1	2.07	.005	.11	.2	.02	2.7	.2	<.05	6	1.1	15
15S2	1.1	49.7	36.1	143	.1	41.3	28.3	860	4.11	39.8	1.5	1.6	12.5	30	.5	5.5	.5	36	.15	.079	37	23.8	.84	146	.046	1	2.37	.009	.15	.1	.02	3.1	.2	<.05	6	.7	15
15S3	1.5	31.6	39.2	150	<.1	30.2	12.7	470	3.66	33.4	1.3	2.2	9.7	23	.4	4.5	.5	33	.15	.110	30	26.5	.66	103	.033	2	2.84	.006	.14	.2	.03	2.9	.2	<.05	6	1.0	15
15S4	1.3	35.7	30.0	108	<.1	32.1	16.2	613	3.19	24.2	1.1	3.8	9.3	19	.2	2.5	.3	36	.13	.066	31	22.3	.78	130	.036	1	1.78	.005	.10	.2	.01	2.7	.2	<.05	5	.7	15
15S5	1.1	34.4	34.8	136	<.1	35.7	20.5	700	3.48	26.1	.9	3.9	10.4	25	.7	2.5	.4	35	.21	.093	31	24.4	.95	145	.039	1	2.19	.007	.15	.1	.01	3.2	.2	<.05	6	.5	15
15S6	1.3	34.0	31.9	115	<.1	36.4	15.9	424	3.27	18.5	1.9	6.6	9.0	21	.2	2.1	.3	41	.16	.067	31	26.3	.86	149	.031	1	2.18	.007	.13	.2	.02	3.4	.2	<.05	6	.7	15
15S7	1.4	50.9	28.9	153	.2	44.3	29.8	818	4.65	25.9	2.7	2.5	18.9	29	.6	4.2	.5	34	.18	.068	44	21.8	1.07	146	.026	1	1.99	.007	.14	.1	.01	3.2	.2	<.05	6	.5	15
15S8	2.3	58.2	26.9	143	<.1	44.4	18.4	519	3.75	32.9	1.3	4.2	9.4	19	.4	2.7	.3	43	.19	.077	35	24.1	.98	419	.022	2	1.85	.006	.17	.1	.02	3.5	.2	<.05	5	.7	15
15S9	3.0	69.6	43.0	203	<.1	47.4	21.2	655	3.98	34.2	1.6	6.4	9.7	19	.5	3.7	.4	51	.12	.082	29	30.4	1.03	176	.019	1	2.20	.004	.14	.1	.01	3.1	.2	<.05	6	1.1	15
15S10	1.7	57.4	36.4	161	<.1	40.7	30.0	1292	4.24	42.9	1.4	4.7	9.9	34	.5	3.5	.4	47	.16	.084	27	25.2	.91	144	.039	1	2.58	.010	.15	.2	.02	3.8	.2	<.05	6	1.0	15
15S11	2.1	43.1	48.7	160	<.1	38.7	27.0	971	4.54	43.8	1.3	4.3	11.0	31	.3	3.5	.5	37	.11	.082	31	26.2	.78	114	.027	1	2.26	.005	.12	.1	.02	3.1	.2	<.05	6	1.1	15
15S12	3.6	32.2	24.5	145	.2	24.3	7.8	411	2.56	24.6	2.0	3.1	.6	28	.5	1.9	.3	48	.30	.102	18	21.4	.50	437	.013	2	1.37	.010	.09	.2	.03	1.1	.2	<.05	6	1.0	15
15S13	3.6	49.2	47.6	177	.1	41.2	13.7	457	4.38	56.5	1.2	5.3	5.3	20	.6	3.7	.3	46	.18	.125	27	28.7	.81	162	.021	1	1.60	.004	.13	.2	.03	2.2	.2	<.05	5	1.5	15
RE 15S13	3.8	51.1	46.9	181	.1	42.0	13.8	440	4.29	55.1	1.2	1.8	5.2	19	.6	3.8	.4	45	.17	.122	26	27.6	.79	156	.019	2	1.56	.004	.12	.2	.02	2.0	.1	<.05	5	1.3	15
15S14	2.5	16.4	20.6	91	.3	11.2	5.3	628	1.45	15.4	1.0	2.2	1.1	27	.5	1.7	.2	34	.32	.062	16	11.8	.28	281	.013	1	.85	.010	.08	.1	.03	.8	.1	<.05	5	1.1	15
16S0	9.2	98.7	22.4	233	.6	48.9	12.6	379	2.99	18.9	1.3	5.8	4.7	33	1.4	3.9	.2	62	.61	.142	23	27.0	1.53	165	.014	2	1.56	.006	.21	.1	.07	3.6	.3	<.05	5	1.3	15
16S1	7.5	90.4	14.1	191	.5	39.5	8.6	214	2.17	10.7	1.1	5.4	4.6	28	.8	2.6	.1	81	.58	.123	22	24.9	1.76	173	.020	3	1.47	.005	.30	<.1	.03	3.2	.3	<.05	5	.9	15
16S2	2.2	33.3	29.9	205	.3	34.9	17.6	665	3.98	39.5	5.8	2.6	9.6	53	1.9	5.4	.5	39	.48	.075	34	24.8	.82	159	.043	2	2.15	.022	.23	.2	.01	3.7	.2	<.05	6	.7	15
16S3	1.7	33.1	26.9	217	.2	28.3	15.7	774	3.36	35.9	20.4	2.3	2.6	92	1.6	3.7	.5	34	1.11	.192	24	36.3	.64	169	.017	3	2.11	.010	.18	.1	.02	2.1	.2	.11	7	2.2	15
16S4	2.0	29.2	37.7	160	<.1	34.9	16.8	542	3.83	36.0	4.0	2.5	5.8	27	1.0	3.1	.4	45	.21	.069	24	28.9	.85	178	.039	2	2.25	.016	.18	.2	.02	3.7	.2	<.05	7	1.2	15
16S5	2.8	34.8	38.7	154	.4	34.0	17.3	742	3.92	37.5	4.8	3.8	4.5	58	.9	3.1	.5	50	.70	.118	24	34.6	.84	192	.029	3	2.20	.012	.19	.3	.02	4.2	.2	<.05	7	1.1	15
16S6	1.7	37.9	29.3	145	<.1	33.5	20.1	631	3.83	31.8	1.2	7.2	8.7	25	.4	3.2	.4	34	.18	.133	25	22.7	.73	102	.030	1	2.56	.010	.15	.3	.01	3.2	.2	<.05	6	1.0	15
16S7	1.2	41.4	37.7	139	.3	32.7	18.1	585	3.86	33.2	3.2	5.1	6.2	44	.4	2.9	.5	41	.47	.080	29	25.8	.86	154	.030	2	2.18	.014	.19	.1	.02	3.3	.2	<.05	7	1.6	15
16S8	2.5	51.2	42.7	173	<.1	43.4	21.3	584	3.65	42.5	1.5	6.4	9.2	31	.6	3.6	.5	42	.20	.081	30	25.6	.70	157	.033	2	1.98	.008	.14	.1	.01	3.2	.2	<.05	6	1.0	15
16S9	2.2	21.6	31.7	93	<.1	17.3	7.2	290	3.46	31.0	.8	2.4	1.7	15	.2	2.0	.4	46	.18	.056	20	24.8	.41	88	.016	1	1.49	.004	.09	.2	.03	1.6	.1	<.05	6	1.0	15
16S10	4.1	51.8	28.9	172	.3	36.1	12.1	367	3.02	33.0	1.6	7.8	4.1	26	.9	3.1	.2	48	.30	.131	24	24.1	1.15	220	.017	2	1.49	.004	.17	.1	.02	2.1	.2	<.05	5	1.1	15
16S11	2.3	25.2	22.5	107	.3	18.7	7.3	260	2.10	23.7	1.2	2.5	.8	26	.3	1.6	.2	38	.33	.077	18	15.5	.51	223	.015	1	1.14	.013	.09	.1	.01	1.0	.1	<.05	4	.7	15
16S12	1.6	22.4	11.2	89	.5	13.1	4.8	195	1.31	12.1	.9	2.1	.3	37	.8	1.3	.1	26	.74	.065	9	10.0	.30	144	.014	<1	.68	.018	.06	.1	.03	.7	.1	<.05	3	.8	15
16S13	1.8	20.7	20.1	83	.3	14.7	6.7	522	1.86	15.2	.8	1.5	.9	29	.3	1.3	.2	36	.36	.078	14	16.5	.46	182	.021	2	.97	.019	.09	.1	.01	1.0	.1	<.05	5	.8	15
16S14	1.4	20.2	23.5	99	.2	16.1	5.6	276	1.93	17.3	.8	1.7	.9	24	.5	1.1	.2	33	.41	.063	16	15.2	.44	147	.013	1	.97	.016	.08	.1	.02	1.0	.1	<.05	4	<.5	15
16S15	2.6	40.5	30.5	153	.3	35.4	9.4	277	2.78	23.6	1.8	1.7	4.9	28	.7	2.3	.2	33	.40	.131	28	19.9	.97	261	.014	1	1.42	.006	.12	.1	.02	2.8	.1	<.05	4	.7	15
STANDARD DS6	11.7	123.8	29.8	143	.3	25.1	10.8	705	2.82	21.5	6.7	47.5	3.1	42	6.4	3.7	5.1	57	.87	.080	15	187.1	.59	168	.084	17	1.94	.074	.17	3.7	.23	3.4	1.8	<.05	6	4.5	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Berdahl, Ron File # A507883 Page 1
Box 11250, Whitehorse YT Y1A 6N4 Submitted by: Ron Berdahl

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
G-1	1	2	51	75	<.3	3	4	474	1.67	2	<8	<2	4	44	.6	<3	<3	34	.42	.070	6	9	.56	177	.10	3	.86	.04	.43	<2	<.5
16E 2	<1	181	<3	1380	4.6	40	28	665	>40	<2	14	<2	5	2	<.5	<3	4	8	.02	.013	15	16	<.01	36	<.01	<3	.89	<.01	.01	<2	4.6
16E 6B	17	200	9	323	.4	125	18	161	7.83	2	11	<2	3	10	1.2	<3	<3	44	.10	.108	12	76	1.31	492	.01	<3	1.76	<.01	.23	<2	8.4
19E 0	4	15	40	109	.5	5	11	186	4.18	117	8	<2	5	4	<.5	5	<3	59	.09	.062	22	30	.63	90	<.01	<3	1.11	.01	.14	<2	.6
19E 1	1	137	135	70	1.6	22	17	592	25.04	116	<8	<2	3	19	<.5	8	<3	17	1.46	.018	6	15	.77	22	<.01	3	1.02	.02	.08	<2	10.0
19E 2	1	96	47	38	4.1	<1	4	20	17.90	115	<8	<2	2	1	<.5	8	<3	8	.01	.003	3	5	<.01	9	<.01	<3	.23	.01	.13	<2	32.6
19E 3	1	31	79	72	1.1	28	6	393	5.19	44	8	<2	4	10	<.5	4	<3	25	.22	.106	6	15	.87	65	<.01	<3	1.40	<.01	.13	<2	29.2
19E 4	2	772	4	37	<.3	9	3	204	1.78	4	<8	<2	<2	1	<.5	<3	4	12	.01	.004	4	10	.14	17	<.01	<3	.36	<.01	.03	<2	.9
19E 5	1	611	127	52	9.7	<1	24	161	24.54	44	<8	<2	4	2	<.5	3	11	10	<.01	.004	6	7	<.01	10	<.01	<3	.21	.01	.07	<2	34.9
19E 6	1	62	<3	111	<.3	28	3	38	3.47	2	<8	<2	2	2	<.5	<3	<3	6	.02	.031	7	7	.01	128	<.01	<3	.20	<.01	.06	<2	3.2
5RK16-1	3	87	15	38	.6	20	8	113	3.92	27	10	<2	7	263	<.5	<3	<3	57	2.77	.089	8	40	1.23	241	.10	5	4.32	.33	.97	<2	3.2
5RK16-2	<1	17	62	80	.5	10	3	185	1.69	2746	<8	<2	6	7	<.5	<3	4	6	.02	.016	12	10	.22	82	<.01	4	.50	.02	.08	<2	70.8
5RK16-3	1	49	7	24	<.3	10	4	124	.77	18	<8	<2	<2	9	<.5	<3	<3	5	.07	.029	2	13	.09	23	<.01	<3	.20	<.01	.04	<2	4.2
RE 5RK16-3	1	50	7	23	<.3	11	4	125	.77	13	<8	<2	<2	9	<.5	<3	3	4	.07	.030	2	7	.09	23	<.01	<3	.20	<.01	.04	<2	1.8
5RK16-4	1	18	19	12	<.3	3	1	44	.53	51	<8	<2	<2	6	<.5	<3	4	2	.03	.011	2	11	.06	20	<.01	<3	.15	.01	.01	<2	5.5
5RK16-5	6	97	96	507	1.1	66	5	42	5.32	278	<8	<2	3	59	.6	18	<3	70	.44	.326	12	18	.02	243	<.01	10	.71	<.01	.14	<2	13.8
5RK16-6	<1	19	13	64	<.3	21	6	210	3.93	20	<8	<2	2	6	<.5	<3	<3	28	.05	.040	7	21	.69	28	<.01	<3	1.47	.01	.04	<2	2.8
5RK16-7	2	97	80	91	<.3	14	15	2362	2.16	5	<8	<2	8	11	<.5	<3	9	10	.05	.032	18	10	.34	75	<.01	<3	1.09	.03	.18	<2	<.5
5RG1-1	1	20	105	11	1.8	3	1	26	3.24	43	10	<2	<2	1	<.5	5	<3	5	<.01	.004	4	6	<.01	42	<.01	<3	.12	<.01	.07	<2	24.6
5RG1-2	1	14	31	97	.4	4	4	133	2.91	39	<8	<2	<2	4	<.5	3	<3	11	.02	.017	6	9	.35	88	<.01	<3	.72	.02	.14	<2	10.7
5RG1-3	2	284	5935	9137	8.9	47	18	2687	1.07	18	<8	<2	<2	52	62.8	<3	12	26	4.56	.144	6	34	.36	228	.17	<3	.49	<.01	.01	<2	7.0
5F9R-1	<1	14	50	96	.3	10	8	3567	38.53	37	<8	<2	7	10	<.5	4	9	37	.22	.023	8	34	.61	15	.01	<3	3.10	<.01	.01	<2	4.3
5F9R-2	<1	4	5	38	<.3	9	4	9930	22.41	2	<8	<2	4	63	<.5	<3	27	18	5.15	.012	7	10	.68	20	<.01	<3	.82	<.01	.06	<2	<.5
5F9R-3	2	198	>10000	>10000	66.3	63	16	>50000	21.90	7423	<8	<2	<2	205	336.8	62	19	27	1.49	.017	18	9	.32	50	<.01	<3	.38	.01	.17	<2	31.4
5F9R-4	1	106	>10000	864	>100	35	6	25599	8.26	174	<8	<2	<2	35	5.7	196	42	21	.05	.008	6	3	.03	136	<.01	<3	.17	<.01	.08	<2	13.2
5F9R-5	<1	4	365	180	<.3	39	4	>50000	16.30	596	<8	<2	5	138	<.5	9	50	34	.18	.017	13	2	.15	672	<.01	<3	.15	<.01	.11	<2	1.3
5F9R-8	<1	106	427	30	1.1	59	26	3640	24.46	10	<8	<2	<2	94	<.5	4	12	92	2.05	.086	8	67	.97	63	.13	5	1.59	.09	.68	<2	<.5
5F9R-9	4	19	218	84	<.3	8	22	416	15.94	41	<8	<2	<2	322	<.5	4	<3	33	7.78	1.417	179	16	.61	38	.01	14	1.21	.03	.29	<2	<.5
5F9R-10	<1	14	896	133	.6	6	4	12400	8.61	12	<8	<2	5	36	<.5	4	27	22	.10	.105	18	4	.20	638	<.01	5	.60	.01	.18	<2	<.5
5F9R-11	<1	124	141	19	12.0	<1	<1	386	17.99	>10000	<8	5	<2	88	<.5	111	125	8	1.12	.010	6	6	.03	24	<.01	<3	.09	<.01	.03	6	3197.2
5F9R-12	<1	9600	>10000	387	>100	14	2	1626	8.25	791	<8	<2	<2	16	13.0	>2000	<3	9	.01	.006	3	4	.01	34	<.01	<3	.11	<.01	.06	<2	140.8
5F9R-13	<1	473	>10000	2044	>100	28	8	2855	29.88	4280	<8	<2	<2	7	22.6	218	3	17	.07	.004	4	8	<.01	636	<.01	<3	.12	<.01	.05	<2	978.1
5F9R-14	45	72	5430	1680	10.7	<1	2	647	18.05	162	8	<2	<2	520	42.0	35	<3	7	14.28	.036	37	5	.08	47	.01	<3	.12	.01	.06	<2	3.5
R5F14-1	<1	108	110	46	.7	10	8	2374	6.53	336	<8	<2	3	172	.8	<3	12	10	16.49	.030	5	13	4.75	6	.01	<3	.91	<.01	.02	<2	11.6
R5F14-2	<1	952	205	79	.8	22	10	1373	4.58	33	<8	<2	7	102	1.1	5	4	49	7.50	.046	15	50	2.47	70	.17	<3	6.04	.33	2.03	<2	5.5
STANDARD DS6/AU-R	10	120	28	143	.3	22	9	701	2.85	23	9	<2	3	41	5.9	4	5	53	.85	.076	13	166	.58	157	.08	14	1.96	.08	.15	3	460.5

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
AU* GROUP 3A - IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15.00 GM)
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____ DATE RECEIVED: DEC 7 2005 DATE REPORT MAILED: Dec 23/05

Clarence Leong

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Scott Project ATLAS

Scott Block

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample g
G-1	.2	2	3.3	43	[illegible]	3	4	595	2.06	<.5	2.6	[illegible]	4	94	[illegible]	<.1	.1	[illegible]	.73	.079	[illegible]	8	.58	133	.144	1	18	[illegible]	.55	1	<.01	2.4	[illegible]	<.05	6	<.5	15
A0	1.3	27	43	244	[illegible]	26	17	851	3.24	13.6	1.8	[illegible]	10.2	15	[illegible]	2	.8	[illegible]	.11	.045	[illegible]	24	.48	113	.049	1	14	[illegible]	.12	2	.03	3.5	[illegible]	<.05	6	<.5	15
A1	.8	21	37	88	[illegible]	18	11	455	2.58	18.3	1.2	[illegible]	9.2	19	[illegible]	1.5	.4	[illegible]	.07	.031	[illegible]	18	.39	149	.041	1	55	[illegible]	.13	.2	.02	2.5	[illegible]	<.05	5	<.5	15
A2	1.1	29	99	121	[illegible]	25	9	363	2.84	104.3	1.2	[illegible]	7.5	12	[illegible]	2.3	.4	[illegible]	.05	.034	[illegible]	19	.38	105	.026	1	42	[illegible]	.09	.2	.05	1.7	[illegible]	<.05	4	[illegible]	15
A3	2.9	29	20	63	[illegible]	14	4	262	3.14	13.7	.9	[illegible]	1.2	17	[illegible]	2	.4	[illegible]	.04	.066	[illegible]	24	.31	158	.024	1	22	[illegible]	.15	2	.02	1.3	[illegible]	.09	6	1.2	15
A4	2.5	40	20.5	83	[illegible]	21	6	255	3.42	13.2	1.1	[illegible]	5.3	96	[illegible]	2.5	.4	[illegible]	.06	.064	[illegible]	31	.59	191	.049	1	75	.008	.28	.1	.02	3.0	[illegible]	<.05	6	1.5	15
A5	.9	63	28.8	149	[illegible]	33	18	527	3.88	28.2	1.4	[illegible]	7.3	27	[illegible]	3.3	.7	[illegible]	.15	.074	[illegible]	22	.47	122	.035	1	58	.007	.19	.1	.03	2.5	[illegible]	<.05	5	1.5	15
A6	[illegible]	371	214.2	286	[illegible]	119	130	2492	3.89	172.2	1.7	[illegible]	14	21	[illegible]	36.4	.1	[illegible]	.08	.138	[illegible]	16	.53	106	[illegible]	1	37	.007	.11	.1	.07	6.2	[illegible]	<.05	6	1	15
A7	1.8	62	111.9	135	[illegible]	32.4	22	700	4.08	104.8	1.3	[illegible]	7	15	[illegible]	3	2.0	[illegible]	.08	.049	[illegible]	32	.51	146	.031	1	88	.005	.12	.2	.03	3.2	[illegible]	<.05	6	[illegible]	15
A8	2.1	19	22.3	128	[illegible]	87	8	356	2.82	11.7	2.7	[illegible]	8	48	[illegible]	10	.2	[illegible]	.13	.045	[illegible]	15	.72	946	[illegible]	1	63	.003	.13	.1	.02	8.6	[illegible]	<.05	9	[illegible]	15
A9	4.4	80	34.6	133	[illegible]	53	23	1153	5.22	27.3	1.7	[illegible]	12.1	44	[illegible]	4	.5	[illegible]	.10	.070	[illegible]	10	.15	430	.001	2	59	.002	.16	.1	.03	4.8	[illegible]	.11	2	.9	15
BS0	1.0	37	16.0	72	[illegible]	24	20	521	4.23	23.9	2.9	[illegible]	8.1	42	[illegible]	6.2	.6	[illegible]	.09	.097	[illegible]	9	.26	51	[illegible]	2	37	.022	.08	.1	.03	2.4	[illegible]	<.05	4	1.0	15
BS1	[illegible]	55	36.6	107	[illegible]	30	38	1175	4.91	31.3	2.4	[illegible]	10	219	[illegible]	6	.6	[illegible]	.39	.078	[illegible]	17	.74	15	.025	<1	47	.029	.21	.1	.02	5.6	[illegible]	<.05	8	.7	15
BS2	[illegible]	68	48.0	126	[illegible]	40	53	1532	5.77	66.7	2.9	[illegible]	18	157	[illegible]	9	.8	[illegible]	.31	.098	[illegible]	16.4	.68	32	.020	1	31	.026	.23	.1	.01	5.1	[illegible]	.09	7	[illegible]	15
BS3	.4	51	35.0	133	[illegible]	32.8	28	1079	4.27	28.7	1.6	[illegible]	10	160	[illegible]	5	.5	[illegible]	.47	.083	[illegible]	20	.90	20	.023	1	24	.022	.27	.1	.01	5.0	[illegible]	<.05	7	<.5	15
BS4	.1	93	42.4	119	[illegible]	46.6	52	1778	5.61	22.4	3.0	[illegible]	18	60	[illegible]	11	.9	[illegible]	.17	.066	[illegible]	12	.45	59	.003	<1	34	.008	.09	.1	.04	3.0	[illegible]	<.05	4	<.5	15
BS5	.6	72	40.8	108	[illegible]	34.8	38.6	1333	6.17	35.3	2.3	[illegible]	15.8	32	[illegible]	11	.8	[illegible]	.08	.081	[illegible]	13	.39	55	.004	1	36	.012	.08	.1	.01	2.6	[illegible]	<.05	4	<.5	15
RE BS5	.5	71	41.0	109	[illegible]	35.3	39.2	1355	6.28	34.4	2.3	[illegible]	16.7	32	[illegible]	12.1	.8	[illegible]	.09	.079	[illegible]	13	.41	57	.005	1	45	.013	.09	.1	.02	2.6	[illegible]	<.05	4	<.5	15
BS6	.2	91	37.6	102	[illegible]	26	40	1171	5.34	20.9	4.0	[illegible]	23.3	23	[illegible]	4.5	1.1	[illegible]	.02	.083	[illegible]	13	.39	73	[illegible]	1	45	.024	.12	.1	.01	2.2	[illegible]	.06	5	.8	15
BS7	.6	81	28	85	[illegible]	33.4	25	1198	4.02	6.7	2.9	[illegible]	17.0	17	[illegible]	2.1	.7	[illegible]	.18	.059	[illegible]	24	.82	56	.005	1	88	.012	.05	.1	.02	1.4	[illegible]	<.05	6	.7	15
BS8	1.0	79	31.6	100	[illegible]	39	32.6	1178	4.82	31.2	3.0	[illegible]	19.9	19	[illegible]	4.6	.8	[illegible]	.11	.061	[illegible]	22	.72	52	.007	1	78	.012	.07	.1	.02	1.8	[illegible]	<.05	6	[illegible]	15
KS0	3.5	86	56.7	228	[illegible]	46.9	22	1415	5.07	145.6	1.4	[illegible]	10.9	17	[illegible]	17.9	.4	[illegible]	.24	.165	[illegible]	27	2.41	94	.036	2	54	.003	.18	1	.02	3.6	[illegible]	<.05	7	2.9	15
KS1	[illegible]	76	22.7	101	[illegible]	44.5	34	3084	5.02	114.8	2.1	[illegible]	4.9	15	[illegible]	8.1	.2	[illegible]	.17	.162	[illegible]	44	1.63	51	.095	1	95	.003	.05	1	.01	5.8	[illegible]	<.05	6	2.2	15
KS2	1.6	39	21.5	77	[illegible]	46.3	31	2010	5.25	120.9	1.2	[illegible]	9.6	12	[illegible]	5.3	.4	[illegible]	.10	.088	[illegible]	23	1.04	119	.010	2	92	.105	.09	1	.02	2.1	[illegible]	<.05	6	1.9	15
KS3	.5	23	35.3	81	[illegible]	69	33	10014	5.75	119.6	1.0	[illegible]	21	43	[illegible]	5.6	.2	[illegible]	1.01	.109	[illegible]	12	.93	228	.004	1	29	.003	.07	.1	.03	5.3	[illegible]	.07	3	2.5	15
KS4	.1	34	25.9	111	[illegible]	31.8	16	808	3.48	47.9	1.1	[illegible]	10	48	[illegible]	2.9	.3	[illegible]	.44	.089	[illegible]	22.9	.91	132	.022	1	73	.013	.11	.1	.02	2.5	[illegible]	<.05	6	1.0	15
KS5	.5	18	32.7	90	[illegible]	25.2	13.6	927	3.23	53.7	.5	[illegible]	6.4	44	[illegible]	4.7	.2	[illegible]	.73	.129	[illegible]	17	.90	96	.015	1	18	.004	.08	.1	.02	3.4	[illegible]	<.05	4	1.1	15
KS6	1.6	21	21.9	129	[illegible]	28.4	12	753	3.20	37.4	.9	[illegible]	1.7	28	[illegible]	1.8	.3	[illegible]	.29	.099	[illegible]	26	.47	149	[illegible]	2	37	.005	.10	.1	.02	1.9	[illegible]	<.05	6	.6	15
KS7	13.7	170	16.4	309	[illegible]	58.3	11	254	2.49	28.4	1.9	[illegible]	7.8	15	[illegible]	7	.2	[illegible]	.23	.143	[illegible]	23	.98	208	[illegible]	4	21	.003	.41	1	.05	2.6	[illegible]	<.05	3	2.1	15
KS9	2.8	93	22.9	347	[illegible]	63.4	11	404	2.85	27.0	2.1	[illegible]	7.1	31	[illegible]	4.3	.2	[illegible]	.62	.215	[illegible]	31	1.47	462	.029	5	75	.007	.47	1	.03	3.7	[illegible]	<.05	6	.7	15
KS9	5.7	72	33.9	274	[illegible]	53	13	462	3.44	39.6	2.4	[illegible]	7.5	28	[illegible]	6	.3	[illegible]	.40	.146	[illegible]	25	.99	245	.019	3	45	.005	.25	1	.04	2.6	[illegible]	<.05	5	.8	15
KS10	4.2	45	28.4	181	[illegible]	49.9	16.0	536	4.10	24.1	1.9	[illegible]	4	29	[illegible]	5.0	.3	[illegible]	.37	.133	[illegible]	24	.95	409	.075	3	75	.005	.22	.1	.04	3.0	[illegible]	<.05	5	1.2	15
~~MA0~~	.5	53	6.4	55	[illegible]	258.9	22.4	577	3.06	11.3	1.0	[illegible]	2.1	35	[illegible]	[illegible]	.2	[illegible]	.72	.072	[illegible]	178	2.43	134	.084	5	42	.022	.08	.1	.02	5.4	[illegible]	<.05	5	<.5	15
~~MA~~	.5	56	6.7	59	[illegible]	352.3	26.3	665	2.47	20.1	1.1	[illegible]	1.8	50	[illegible]	[illegible]	.2	[illegible]	1.46	.108	[illegible]	192	1.91	164	.047	5	24	.019	.06	.1	.05	4.8	[illegible]	.12	4	.7	15
~~MA100~~	.5	51	5.6	54	[illegible]	384.0	27	647	3.21	38.9	.8	[illegible]	2	32	[illegible]	[illegible]	.1	[illegible]	.61	.060	[illegible]	251	3.12	125	.021	5	39	.020	.08	.1	.02	5.9	[illegible]	<.05	5	<.5	15
STANDARD	[illegible]	124	30	145	[illegible]	25	11.0	713	2.90	21.5	6.8	[illegible]	3.8	45	[illegible]	3	5.1	[illegible]	.87	.082	[illegible]	190	.59	158	.09	17	97	[illegible]	.17	[illegible]	.2	3.4	1	<.05	7	4.6	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

APPENDIX C

PROJECT PERSONNEL

SCOTT PROJECT

Prepared by

Ron S. Berdahl

APPENDIX C

PROJECT PERSONNEL

Personnel	Address	Task
Ron Berdahl	Whitehorse, Yukon	Soil Sampler/Prospector
Andrew Berdahl	Whitehorse, Yukon	Soil Sampler/Prospector
Scott Berdahl	Whitehorse, Yukon	Soil Sampler/Prospector
Milada Polovikof	Whitehorse, Yukon	Soil Sampler

APPENDIX D

STATEMENT OF COSTS

SCOTT PROJECT

Prepared by

Ron S. Berdahl

APPENDIX D

STATEMENT OF COSTS

Helicopter:	(Heli Dynamics)	$ 11,507.94
Truck:	2 vehicles with1,000 km @ $0.485/km	970.00
Labour:	6/16-23/ '05	
	3 men @ 250/day; 1man @ 400/day	
	5 man/days travel	725.00
	24 man/days	6,900.00
	6 man/days prep time	1,500.00
Assays	(ACME Lab) 263 samples (soil/rock) shipping @$18/	4734.00
Per Diem:	28 man days @ $35.00/day	980.00
Gear rental, sample bags, augers, gps, camp,etc.		500.00
Report Preparation		1,000.00
		$28,816.94

Applying for maximum assessment on 32 Scott Claims and 6 Atlas Claims @ $100/claim year: $3,800/yr x 5 = $19,000

APPENDIX D

STATEMENT OF COSTS

Helicopter:	(Heli Dynamics)	$ 11,507.94
Truck:	2 vehicles with1,000 km @ $0.485/km	970.00
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Report Preparation		1,000.00
		$28,816.94

Applying for maximum assessment on 32 Scott Claims and 6 Atlas Claims @ $100/claim year: $3,800/yr x 5 = $19,000

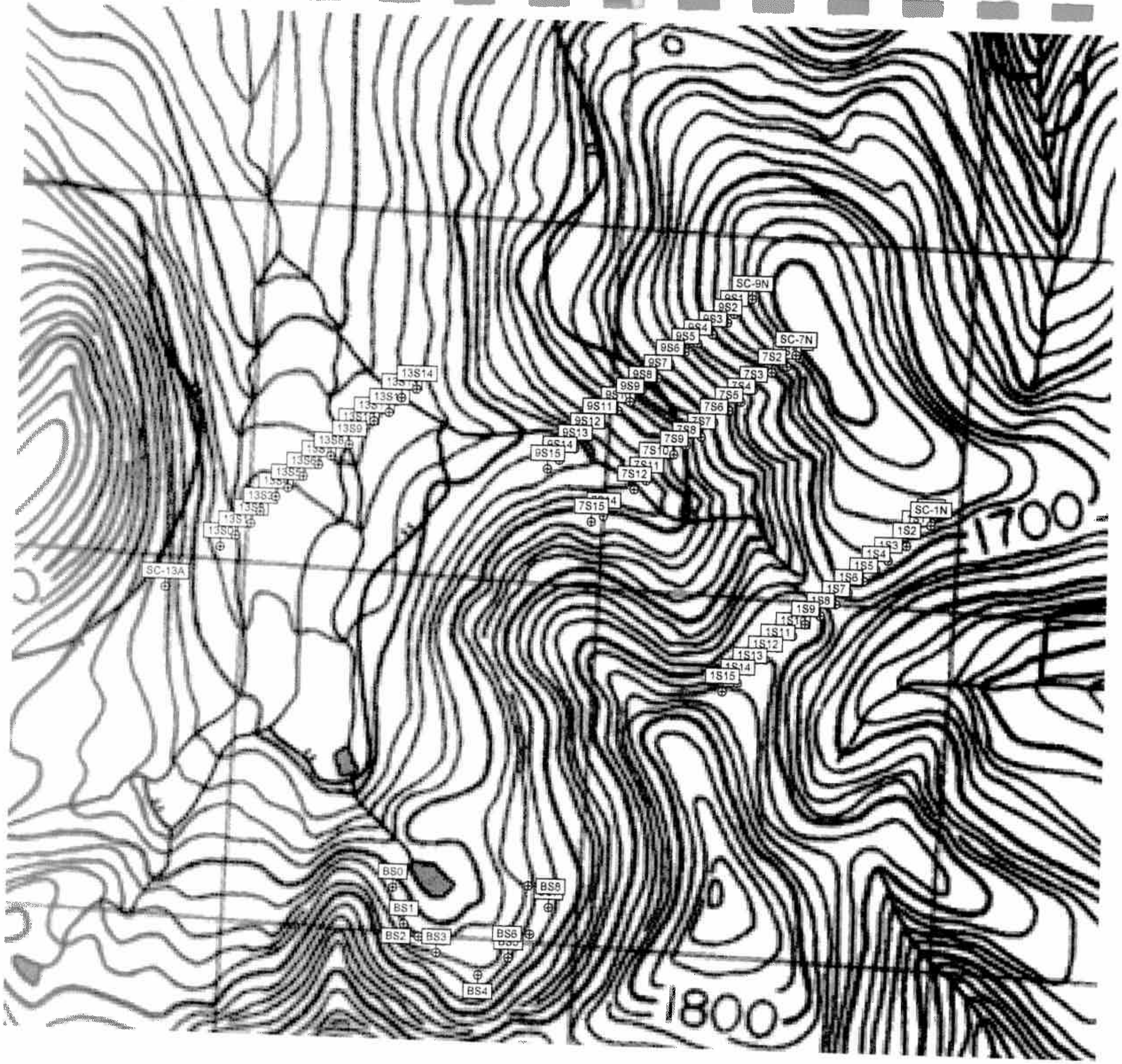
APPENDIX E

SAMPLE LOCATION MAP

FINLAYSON

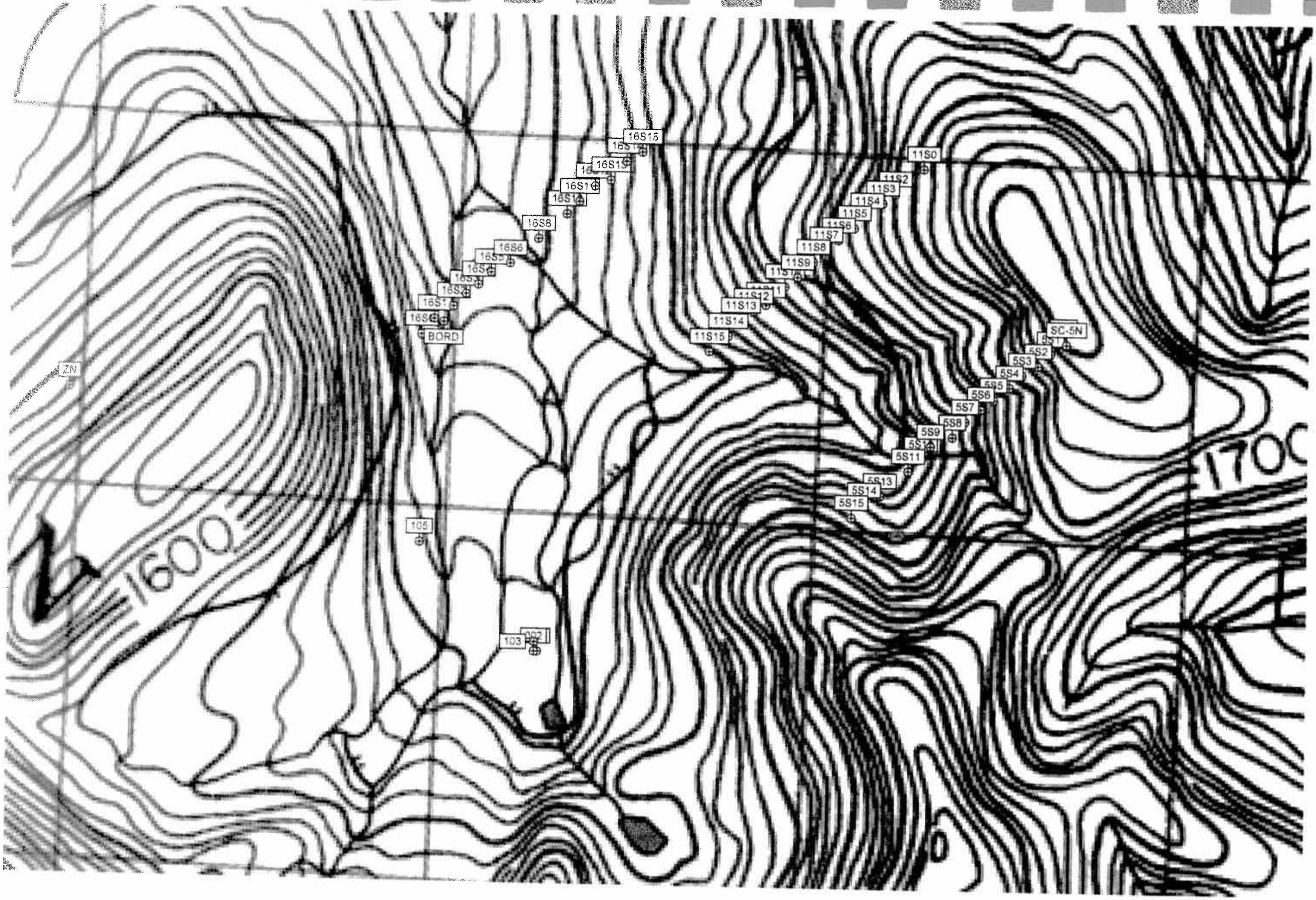
Prepared by

Ron S. Berdahl



↑
N
105K-16

Scott CLAIMS
Sample Locations
Lines 1, 7, 9, 13
+ B

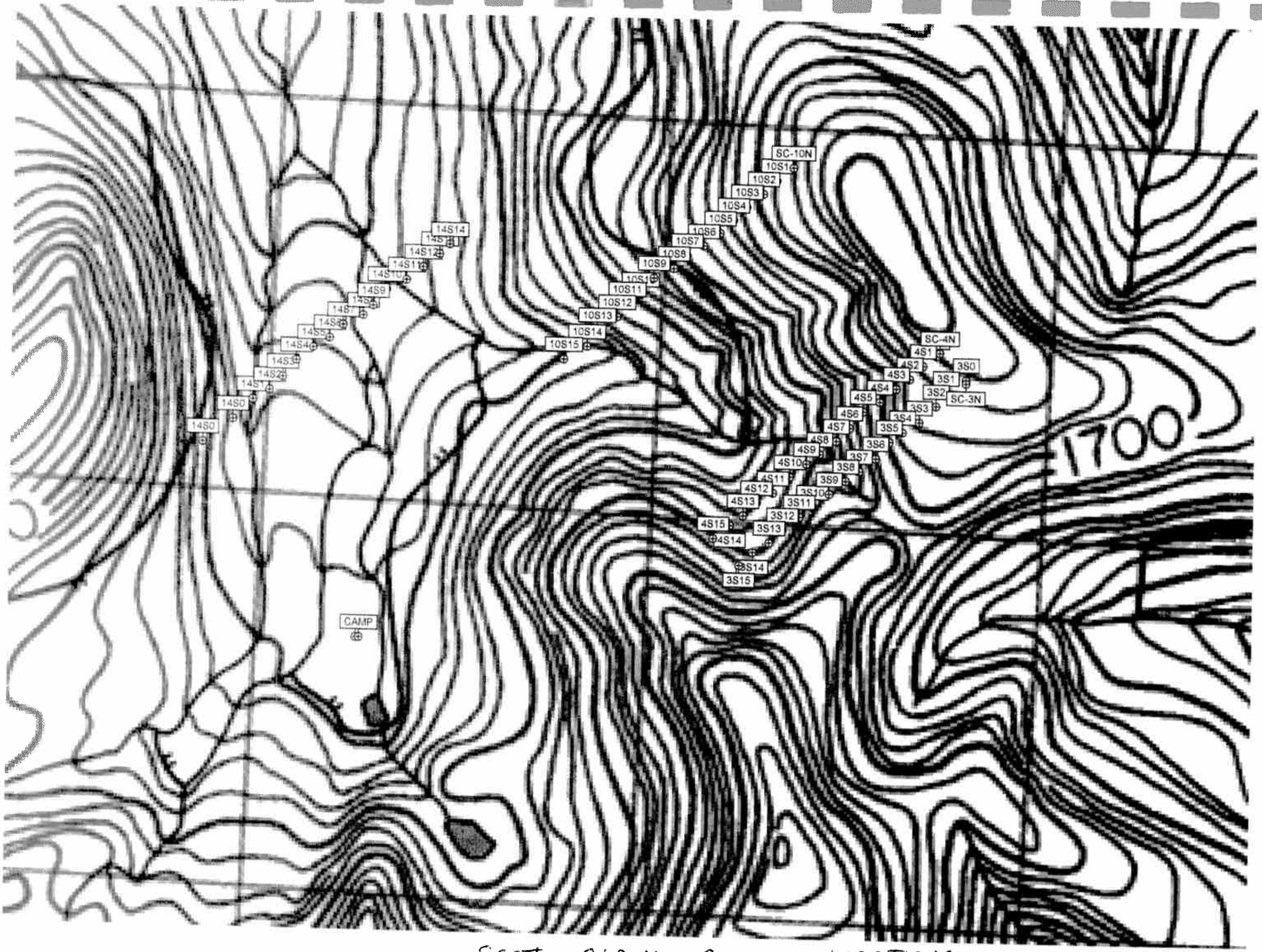


SCOTT CLAIM SAMPLE LOCATIONS

LINES 5, 11, 16

N

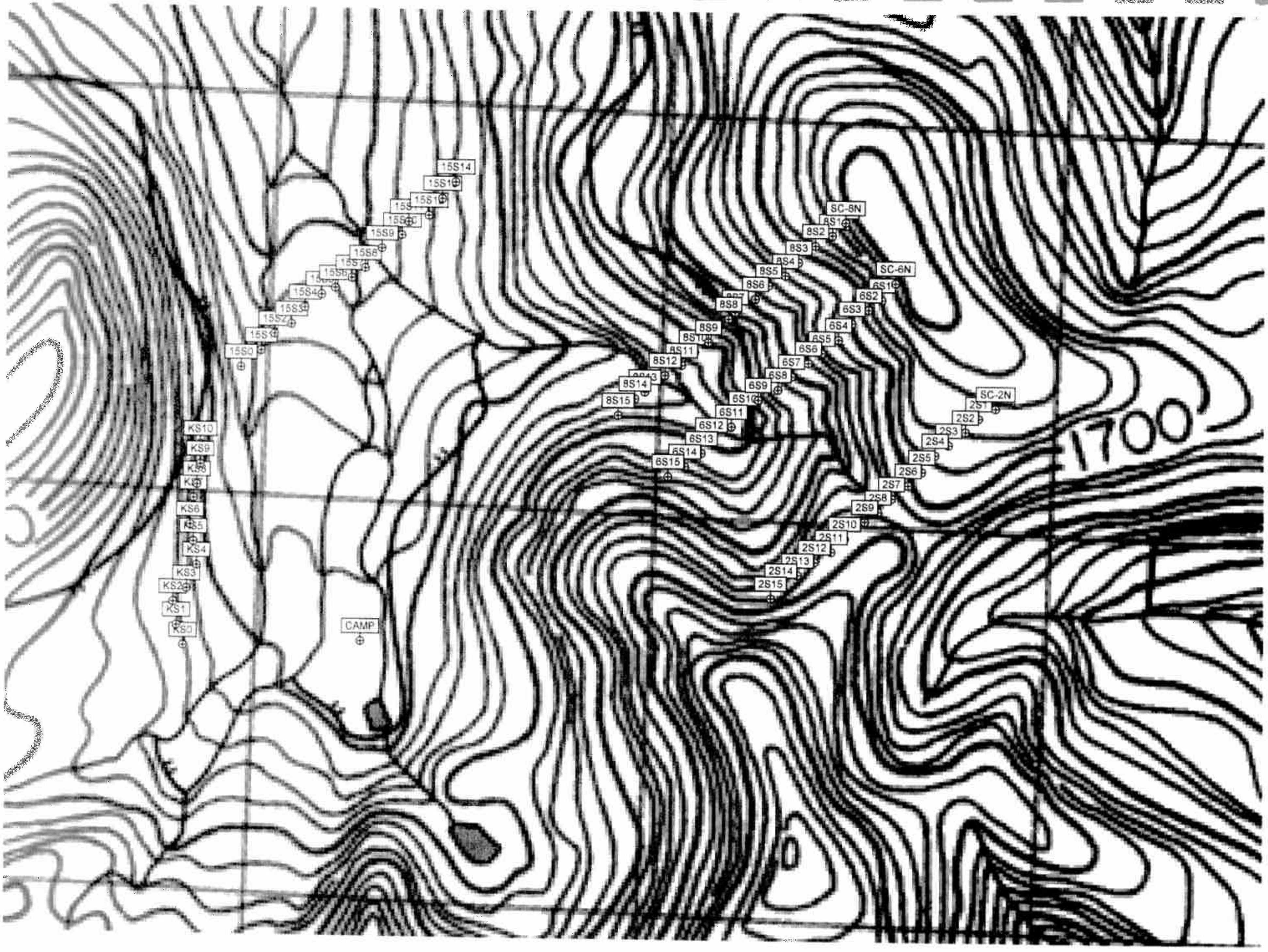
105K-16



SCOTT CLAIM SAMPLE LOCATIONS

LINES 3, 4, 10, 14

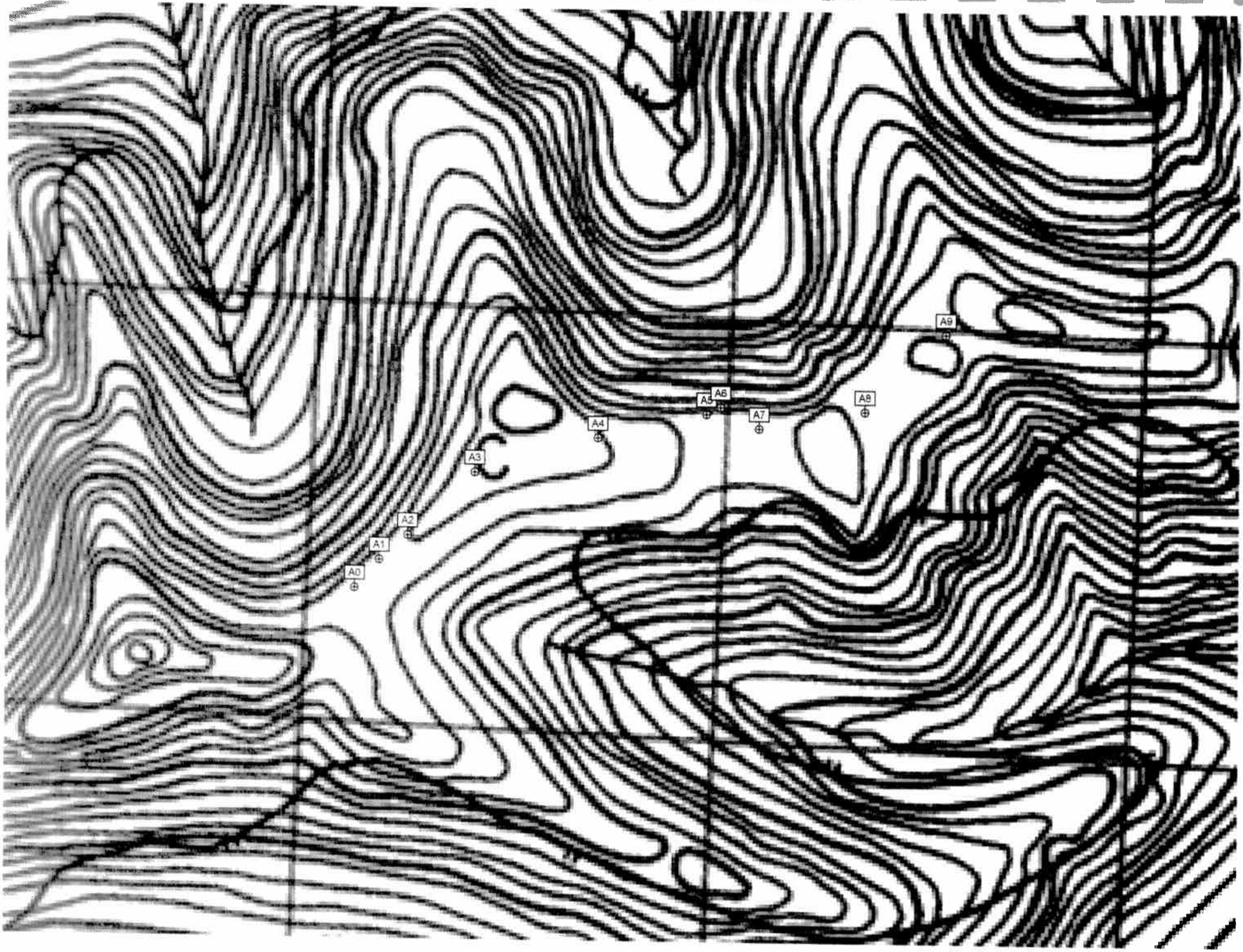
105K-16



Scott CLAIM ~~ATLAS~~ Sample Loc
LINES 2, 6, 8, 15 + K

N

105K-16



ATLAS SAMPLES 105K-16 N

APPENDIX F

STATEMENT OF QUALIFICATIONS

FINLAYSON

Prepared by

Ron S. Berdahl

STATEMENT OF QUALIFICATIONS

I, Ron Berdahl, declare I am an independent prospector who has worked on the Scott Project for the 2005 field season.

I have taken several courses related to prospecting and make the bulk of my living directly from prospecting.

The data contained herein is true and correct to the best of my knowledge.

Jn 28, 06

Ron S. Berdahl

Date

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